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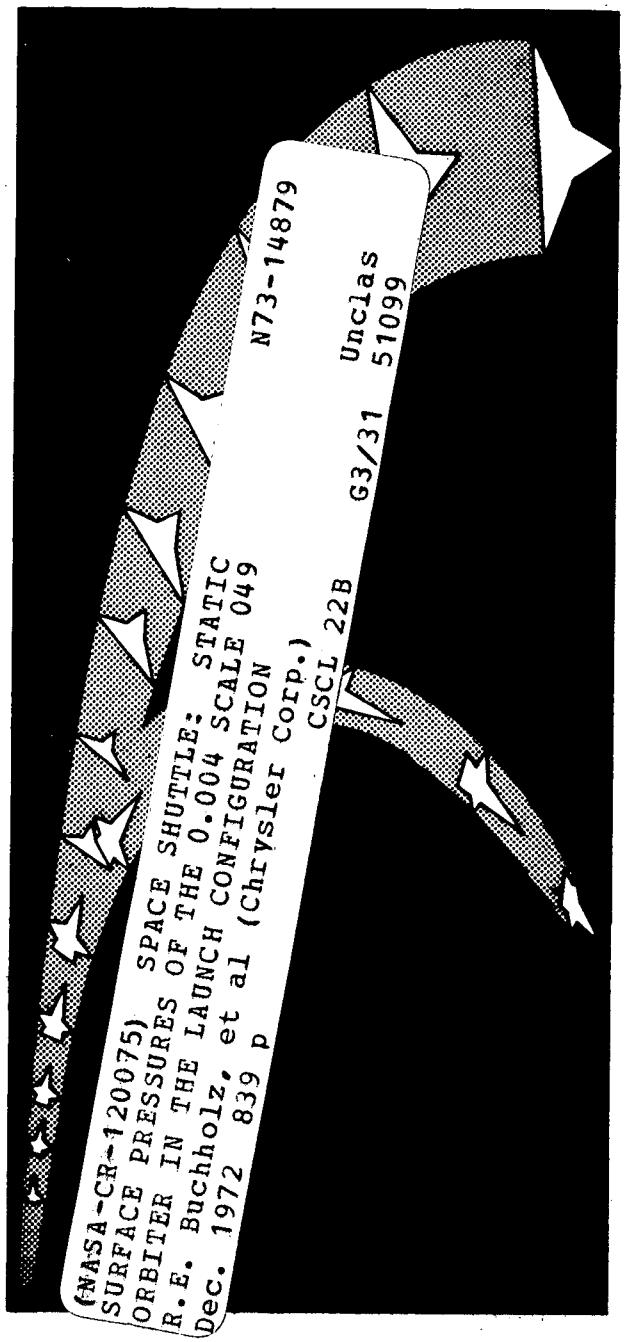


SADSAC SPACE SHUTTLE
AEROTHERMODYNAMIC
DATA MANAGEMENT SYSTEM

—SPACE SHUTTLE—

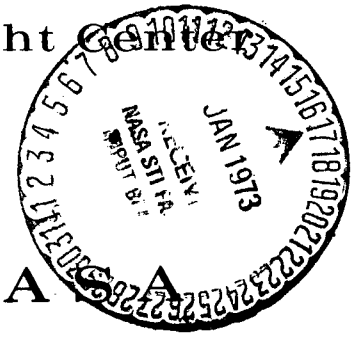
STATIC SURFACE PRESSURES OF THE 0.004 SCALE 049 ORBITER IN THE LAUNCH CONFIGURATION

by

Robert E. Buchholz, LMSC/HREC
Mickey Gamble, LMSC/HREC

MSFC 14×14-INCH
TRISONIC WIND TUNNEL

Marshall Space
Flight Center



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MARSHALL SPACE FLIGHT CENTER

SPACE DIVISION CHRYSLER CORPORATION

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SADSAC/SPACE SHUTTLE

WIND TUNNEL TEST DATA REPORT

CONFIGURATION: .004 Scale 049 Orbiter in the Launch Configuration

TEST PURPOSE: Determine Static Surface Pressures of the Orbiter in the Launch Configuration

TEST FACILITY: NASA/MSFC 14 x 14 - Inch Trisonic Wind Tunnel

TESTING AGENCY: NASA/MSFC

TEST NO. & DATE: MSFC TWT 550; July 17-21, 1972 (65 hours)

FACILITY COORDINATOR: Jim Weaver - (NASA/MSFC)

PROJECT ENGINEER(S): Robert Buchholz - (LMSC/HREC)
Mickey Gamble - (LMSC/HREC)

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CONTRACT NAS 8-4016 AMENDMENT 174 DRL 297 - 84a

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STATIC SURFACE PRESSURES OF THE 0.004 SCALE 049 ORBITER IN THE LAUNCH CONFIGURATION

By Robert E. Buchholz and Mickey Gamble

A B S T R A C T

This test was conducted to obtain wing and lower body surface static pressure data for the Space Shuttle 049 Orbiter while in the launch configuration. The purpose of the test was to determine the optimum incidence position of the orbiter relative to the hydrogen-oxygen (HO) tank and the optimum radial position of the solid rocket motors (SRM) on the HO tank.

The orbiter was mounted on the HO tank at incidence angles of 0 and -1.5 degrees to determine the optimum incidence position. The SRM boosters were tested at radial positions of 75, 90, and 135 degrees on the HO tank to determine their optimum position with respect to the loads imposed on the orbiter.

The test was conducted in the NASA/MSFC 14 x 14-Inch Trisonic Wind Tunnel over a Mach number range of 0.6 to 4.96. Angle of attack was varied from -8 to +8 degrees at zero degree angle of sideslip, and at sideslip angles varying from -6 to +6 degrees at zero degree angle of attack.

NOMENCLATURE
General

SYMBOL	SADSAC SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
A_b		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

ADDITIONS TO NOMENCLATURE
FOR
MSFC TWT 550

SYMBOL	SADSAC SYMBOL	DEFINITION
L_{Local}		local chord length.
b_{ref}	BREF	reference span.
X		pressure tap location in the longitudinal direction measured from the nose and from the wind leading edge.
Y		pressure tap location in the lateral direction measured from the fuselage centerline.
ϕ_s	PHIS	radial positions of the SRM boosters relative to HO tank.
i_o	ORBINC	incidence angle between the orbiter and the HO tank.
X/L_{Local}	X/L	local chord position.
X/L	X/L	longitudinal position.
$Y/(b_{ref}/2)$	Y/B	local semi-span position.
θ	THETA	angle measured from vehicle bottom centerline, degrees.

CONFIGURATIONS INVESTIGATED

Test results reported herein were obtained on a 0.004 scale 049 Orbiter model in the launch configuration (see figures 1 through 5). Each of the model components tested are listed below. Combinations of the components tested are shown in Table III (Data Set Collations). Dimensional data for the components is presented in Table IV.

MODEL COMPONENT SYMBOL	DESCRIPTION
01	Baseline 049 Orbiter (including the abort solid rocket motors) (B1W4V11A1)
02	Baseline 049 Orbiter (without the abort solid rocket motors) (B1W4V11)
T1	346-in. diameter HO tank with 22° nosecone.
T3	346-in. diameter HO tank with 17° nosecone.
S1	156-in. diameter solid rocket motor with 17° nosecone (baseline).

TEST FACILITY DESCRIPTION

The Marshall Space Flight Center 14" x 14" Trisonic Wind Tunnel is an intermittent blowdown tunnel which operates by high pressure air flowing from storage to either vacuum or atmospheric conditions. A Mach number range from .2 to 5.85 is covered by utilizing two interchangeable test sections. The transonic section permits testing at Mach 0.20 through 2.50, and the supersonic section permits testing at Mach 2.74 through 5.85. Mach numbers between .2 and .9 are obtained by using a controllable diffuser. The range from .95 to 1.3 is achieved through the use of plenum suction and perforated walls. Mach numbers of 1.44, 1.93 and 2.50 are produced by interchangeable sets of fixed contour nozzle blocks. Above Mach 2.50 a set of fixed contour nozzle blocks are tilted and translated automatically to produce any desired Mach number in .25 increments.

Air is supplied to a 6000 cubic foot storage tank at approximately -40°F dew point and 500 psi. The compressor is a three-stage reciprocating unit driven by a 1500 hp motor.

The tunnel flow is established and controlled with a servo actuated gate valve. The controlled air flows through the valve diffuser into the stilling chamber and heat exchanger where the air temperature can be controlled from ambient to approximately 180°F. The air then passes through the test section which contains the nozzle blocks and test region.

Downstream of the test section is a hydraulically controlled pitch sector that provides a total angle of attack range of 20° ($\pm$10°). Sting offsets are available for obtaining various maximum angles of attack up to 90°.

DATA REDUCTION

All static pressures were reduced to the form of pressure coefficients by referencing them to freestream static pressure and dividing by freestream dynamic pressure:

$$CP = \frac{\text{Local Static Pressure - Freestream Static Pressure}}{\text{Freestream Dynamic Pressure}}$$

$$CP = (P_{\ell} - P_{\infty})/q$$

Table 1 lists positions of the individual surface pressure taps. The positions are non-dimensionalized by wing semi-span in the lateral direction and by local chord length in the longitudinal direction.

Table 1

ORBITER SURFACE PRESSURE TAP LOCATIONS

Tap No.		X/L_{local}	$Y/.5b_{ref}$	L_{local} (in.)	$.5b_{ref}$ (in.)
Upper	Lower				
–	11	.046	0.0	5.26	2.23
–	12	.092			
–	13	.152			
–	14	.228			
–	15	.304			
–	16	.456			
–	17	.947			
6	18	.144	.282	3.306	
7	19	.300			
8	20	.470			
9	21	.642			
10	22	.814			
3	23	.229	.553	1.641	
4	24	.515			
5	25	.729			
1	26	.216	.842	.962	
2	27	.721			

TABLE II.

TEST CONDITIONS
TEST TWT 550

MACH NUMBER	REYNOLDS NUMBER per unit length	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
.6	4.5×10^6	4.0	100
.9	5.7	6.7	↓
1.0	5.9	7.4	
1.1	6.0	7.9	
1.2	6.1	8.3	
1.46	7.1	10.3	
1.96	7.1	10.3	
4.96	5.4 ↓	3.1	

BALANCE UTILIZED: No balance

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
YM			
RM			

COMMENTS:

TABLE III. TEST TWT 550 DATA SET COLLATION SHEET

☐ PRETEST
☑ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES i_o	PARAMETERS/VALUES ϕ_s	NO. of RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) .6	.9	1.0	1.1	1.2	1.46	1.96	4.96
B73 001	T30151	A	O	-1.5	75	45	431/489	471/479	461/469	451/459	441/449			
002	↓	O	A			35	491/497	501/507	511/517	521/527	531/537			
003	T30251	A	O			27					1/9	791/799	921/929	
004		O	A	↓		21					11/17	781/787	931/937	
005		A	O	0.0		27					31/39	801/809	911/919	
006		O	A	↓		21					21/27	811/817	901/907	
007		B	O	-1.5		4								3/1/4/1
008		O	B	↓		4								11/1/14/1
009		C	O	0.0		8								31/1/38/1
010	↓	O	C			6								21/1/24/1
011	T30151	A	O			45	371/379	361/369	321/329	331/339	341/349			
012		O	A		↓	35	381/387	391/397	431/437	421/427	401/407			
013		A	O		90	45	271/279	291/287	311/319	301/309	291/299			
014	↓	O	A			35	261/267	251/257	241/247	281/287	221/227			
015	T30251	A	O			27					41/49	881/889	881/889	
016		O	A	↓		21					61/57	821/827	891/897	
017		A	O	-1.5		27					71/79	761/769	951/959	
018		O	A			21					61/67	771/779	941/947	
019		B	O			4								991/994
020	↓	O	B	↓	↓	4								981/984

1 7 13 19 25 31 37 43 49 55 61 67 75 76

TAPN X/L CP 03

IDPVAR(1) | IDPVAR(2) | NDV

COEFFICIENTS: α or β SCHEDULES

α: A = -8° to 8° by Δα = 2°; B = -6°, 0°, 2°, 6°; C = -8°, -6°, -4°, 0°, 2°, 4°, 6°, 8°

β: A = -6° to 6° by Δβ = 2°; B = -6°, 0°, 2°, 6°; C = -6°, -4°, 0°, 2°, 4°, 6°

TABLE III. TEST TWT 550 DATA SET COLLATION SHEET (CONCLUDED)

☐ PRETEST
☑ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES i_0	PARAMETERS/VALUES ϕ_3	NO. of RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) .6	.9	1.0	1.1	1.2	1.46	1.96	4.96
R73021	T30251	C	O	0.0	90	8								41/1 48/1
022	↓	O	C	↓	↓	6								51/1 56/1
023	T30151	A	O	-1.5		45	591 599	601 609	631 639	621 629	611 619			
024		O	A	↓	↓	35	631 637	571 577	561 567	551 557	541 547			
025		A	O		135	45	681 689	671 679	641 649	651 659	661 669			
026		O	A		↓	35	691 697	701 707	731 737	721 727	711 717			
027		A	O	0.0		45	161 169	151 159	141 149	131 139	121 129			
028	↓	O	A	↓		35	171 177	191 187	191 197	201 207	211 217			
029	T30251	A	O			27					111 119	841 849	871 879	
030		O	A			21					101 107	851 857	961 967	
031		A	O	-1.5		27					81 89	751 759	961 969	
032	↓	O	A	↓	↓	21					90 97	741 747	971 977	
033	T10151	A	O		75	9					351 369			
034	↓	O	A	↓	↓	7					411 417			

1 7 13 19 25 31 37 43 49 55 61 67 75 76

TAPN | X/L | CP | 03

COEFFICIENTS:
α or β SCHEDULES

α: A = -8° to 8° by Δα = 2°; B = -6°, +0°, 2°, 6°; C = -8°, -6°, -4°, +0°, 2°, 4°, 6°, 8°

β: A = -6° to 6° by Δβ = 2°; B = -6°, 0°, 2°, 6°; C = -6°, -4°, 0°, 2°, 4°, 6°, 8°

IDPVAR(1) | IDPVAR(2) | NDV

MSFC - Form 263-2 (February 1972)

TABLE IV

DIMENSIONAL DATA

MODEL COMPONENT: BODY - B1

GENERAL DESCRIPTION: Basic orbiter body including canopy and manipulator arm housing.

DRAWING NUMBER:

DIMENSIONS:	THEORETICAL FULL-SCALE	THEORETICAL MODEL SCALE (.004)	ACTUAL MEASURED MODEL SCALE
Length	1315 in.	5.260 in.	
Max. Width (P.L. Bay / Base)	208/220 in.	.832/.880 in.	
Max. Depth	235 in.	.940 in.	
Fineness Ratio	6.32	6.32	
Area			
Max. Cross-Sectional			
Planform			
Wetted	6250 ft.^{2}	16.00 in.^{2}	
Base Projected	317.7 ft.^{2}	.732 in.^{2}	

TABLE IV (CONTINUED)

MODEL COMPONENT: W4

GENERAL DESCRIPTION: Double Delta Wing

DRAWING NUMBER:

DIMENSIONS:	THEORETICAL		ACTUAL MEASURED
TOTAL DATA	FULL-SCALE	MODEL SCALE (.004)	MODEL SCALE
Area			
Planform Basic/Glove	3420/1197 ft.²	7.830/2.735 in.²	
Wetted Basic/Glove	4926/814 ft.²	11.35/1.89 in.²	
Span (equivalent)	1115 in.	4.460 in.	
Aspect Ratio Basic/Glove	2.5/1.9	2.5/1.9	
Rate of Taper	—	—	
Taper Ratio Basic/Glove	0.[illegible]/0.10	0.[illegible]/0.10	
Diehedral Angle, degrees	7°	7°	
Incidence Angle, degrees	1.5°	1.5°	
Aerodynamic Twist, degrees	—	—	
Toe-In Angle	—	—	
Cant Angle	—	—	
Sweep Back Angles, degrees			
Leading Edge Basic/Glove	35°/75°	35°/75°	
Trailing Edge	-19.6°	-19.6°	
0.25 Element Line	—	—	
Chords:			
Root (Wing Sta. 0.0) B/G	736/720 in.	2.944/2.880 in.	
Tip, (equivalent)	147 in.	0.588 in.	
MAC Basic	507 in.	2.028 in.	
Fus. Sta. of .25 MAC	—	—	
W.P. of .25 MAC	—	—	
B.L. of .25 MAC	217 in.	0.868 in.	
Airfoil Section			
Root	0008-64	0008-64	
Tip	0008-64	0008-64	
EXPOSED DATA			
Area Basic/Glove	1218.95/1625 ft.²	2.806/0.374 in.²	
Span, (equivalent)	453.5 in.	1.814 in.	
Aspect Ratio	—	—	
Taper Ratio	—	—	
Chords			
Root Basic/Glove	626.87/404.74 in.	2.507/1.619 in.	
Tip	147 in.	0.588 in.	
MAC	—	—	
Fus. Sta. of .25 MAC	—	—	
W.P. of .25 MAC	—	—	
B.L. of .25 MAC	—	—	

TABLE IV (CONTINUED)

MODEL COMPONENT: V11

GENERAL DESCRIPTION: Twin vertical tails (Dimensions are for a single panel.)

DRAWING NUMBER:

DIMENSIONS:	THEORETICAL		ACTUAL MEASURED
TOTAL DATA	FULL-SCALE	MODEL SCALE (.004)	MODEL SCALE
Area			
Planform	-	-	
Wetted	525 Ft.²	1.21 in.²	
Span (equivalent)	-	-	
Aspect Ratio	-	-	
Rate of Taper	-	-	
Taper Ratio	-	-	
Diehedral Angle, degrees	75°	75°	
Incidence Angle, degrees	0°	0°	
Aerodynamic Twist, degrees	0°	0°	
Toe-In Angle	0°	0°	
Cant Angle	15°	15°	
Sweep Back Angles, degrees			
Leading Edge	45°	45°	
Trailing Edge	20°	20°	
0.25 Element Line	-	-	
Chords:			
Root (Wing Sta. 0.0)	-	-	
Tip, (equivalent)	-	-	
MAC	-	-	
Fus. Sta. of .25 MAC	-	-	
W.P. of .25 MAC	-	-	
B.L. of .25 MAC	-	-	
Airfoil Section			
Root	5° wedge (60/40)	5° wedge (60/40)	
Tip	5° wedge (60/40)	5° wedge (60/40)	
EXPOSED DATA			
Area	250 Ft.²	250 Ft.²	
Span, (equivalent)	240 in.	240 in.	
Aspect Ratio	1.6	1.6	
Taper Ratio	0.35	0.35	
Chords			
Root	230 in.	0.920 in.	
Tip	80 in.	0.320 in.	
MAC	-	-	
Fus. Sta. of .25 MAC	-	-	
W.P. of .25 MAC	-	-	
B.L. of .25 MAC	-	-	

TABLE IV (CONTINUED)

MODEL COMPONENT: BODY - A1

GENERAL DESCRIPTION: Abort SRM pods. Cone cylinders with a 22.5° half angle nose cone. Rocket nozzle is a 22.5° cone. Nose radius is .03 in. model scale and 7.5 in. full scale.

DRAWING NUMBER:

DIMENSIONS:	THEORETICAL		ACTUAL MEASURED
	FULL-SCALE	MODEL SCALE (.004)	MODEL SCALE
Length	342 in.	1.369 in.	
Max. Width	62 in.	.248 in.	
Max. Depth	-	-	
Fineness Ratio	5.52	5.52	
Area			
Max. Cross-Sectional	22.3 ft.^{2}	.0515 in.^{2}	
Planform	-	-	
Wetted	-	-	
Base	-	-	

MODEL COMPONENT: BODY - T_1

GENERAL DESCRIPTION: Hydrogen-Oxygen (HO) Tank With 22° Nosecone.

DRAWING NUMBER

DIMENSION:	FULL SCALE	MODEL SCALE
Length	1876.75 in.	7.507 in.
Max Width	346 in.	1.384 in.
Max Depth	346 in.	1.384 in.
Fineness Ratio	5.42	5.42
Area		
Max Cross-Sectional	652.95 ft.^{2}	1.504 in.^{2}
Planform	-	-
Wetted	-	-
Base	652.95 ft.^{2}	1.504 in.^{2}

MODEL COMPONENT: BODY - T_3

GENERAL DESCRIPTION: Hydrogen-Oxygen (HO) Tank With 17° Nosecone.

DRAWING NUMBER

DIMENSION:	FULL SCALE	MODEL SCALE
Length	2031.75 in.	8.127 in.
Max Width	346 in.	1.384 in.
Max Depth	346 in.	1.384 in.
Fineness Ratio	5.87	5.87
Area		
Max Cross-Sectional	652.95 ft.^{2}	1.504 in.^{2}
Planform	-	-
Wetted	-	-
Base	652.95 ft.^{2}	1.504 in.^{2}

TABLE IV (CONCLUDED)

MODEL COMPONENT: BODY - S1

GENERAL DESCRIPTION: SOLID ROCKET MOTOR

DRAWING NUMBER:

DIMENSIONS:	THEORETICAL FULL-SCALE	THEORETICAL MODEL SCALE	ACTUAL MEASURED MODEL SCALE
Length	1743 in.	6.972 in.	
Max. Width	156 in.	0.624 in.	
Max. Depth	156 in.	0.624 in.	
Fineness Ratio	11.17	11.17	
Area			
Max. Cross-Sectional	132.5 $ft.^2$	0.306 $in.^2$	
Planform	—	—	
Wetted	—	—	
Base	132.5 $ft.^2$	0.306 $in.^2$	

TABLE V.

INDEX OF MODEL FIGURES

FIGURE	DESCRIPTION	PAGE
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2	General Arrangement, Space Shuttle 049 Orbiter	24
3	156-Inch Solid Rocket Motor	25
4	346-Inch Diameter HO Tank With 17 Degree Nosecone	26
5	Static Pressure Tap Positions	27
6	Typical MSFC 14 x 14-Inch Tunnel Installation For Pressure Testing of 049 Orbiter in Launch Configuration	28

TABLE VI. INDEX OF DATA FIGURES

TITLE	PARAMETER VALUES i_o	PARAMETER VALUES ϕ_s	PLOT TYPE	CONDITIONS VARYING	PAGE
T301S1 Fuselage Pressures	-1.5	75	CP vs. X/L	Alpha, Mn	1-15
T301S1 Fuselage Pressures				Beta, Mn	16-25
T302S1 Fuselage Pressures				Alpha, Mn	26-31
	-1.5			Beta, Mn	32-37
	0.0			Alpha, Mn	38-43
	0.0			Beta, Mn	44-49
	-1.5			Alpha	50
	-1.5			Beta	51
	0.0			Alpha	52-53
T302S1 Fuselage Pressures				Beta	54
T301S1 Fuselage Pressures				Alpha, Mn	55-64
		75		Beta, Mn	65-74
		90		Alpha, Mn	75-84
T301S1 Fuselage Pressures				Beta, Mn	85-94
T302S1 Fuselage Pressures				Alpha, Mn	95-100
	0.0			Beta, Mn	101-106
T302S1 Fuselage Pressures	-1.5	90	CP vs. X/L	Alpha, Mn	107-112

TABLE VI. (CONTINUED)

TITLE	PARAMETER VALUES i_o	PARAMETER VALUES ϕ_s	PLOT TYPE	CONDITIONS VARYING	PAGE
T302S1 Fuselage Pressures	-1.5	90	CP vs. X/L	Beta, Mn	113-118
				Alpha	119
	-1.5			Beta	120
	0.0			Alpha, Mn	121-122
T302S1 Fuselage Pressures	0.0			Beta, Mn	123
T301S1 Fuselage Pressures	-1.5			Alpha, Mn	124-133
		90		Beta, Mn	134-143
		135		Alpha, Mn	144-153
	-1.5			Beta, Mn	154-163
	0.0			Alpha, Mn	164-173
T301S1 Fuselage Pressures				Beta, Mn	174-183
T302S1 Fuselage Pressures				Alpha, Mn	184-189
	0.0			Beta, Mn	190-195
	-1.5			Alpha, Mn	196-201
T302S1 Fuselage Pressures		135		Beta, Mn	202-207
T101S1 Fuselage Pressures		75		Alpha	208-209
T101S1 Fuselage Pressures	-1.5	75	CP vs. X/L	Beta	210-211

TABLE VI. (CONTINUED)

TITLE	PARAMETER VALUES i_o	PARAMETER VALUES ϕ_s	PLOT TYPE	CONDITIONS VARYING	PAGE
T301S1 Upper/Lower Wing Pressures	-1.5	75	CP vs. X/C	Alpha, Y/B, Mn	212-241
T301S1 Upper/Lower Wing Pressures				Beta, Y/B, Mn	242-271
T302S1 Upper/Lower Wing Pressures				Alpha, Y/B, Mn	272-289
	-1.5			Beta, Y/B, Mn	290-307
	0.0			Alpha, Y/B, Mn	308-325
	0.0			Beta, Y/B, Mn	326-343
	-1.5			Alpha, Y/B	344-346
	-1.5			Beta, Y/B	347-349
	0.0			Alpha, Y/B	350-355
T302S1 Upper/Lower Wing Pressures				Beta, Y/B	356-361
T301S1 Upper/Lower Wing Pressures				Alpha, Y/B, Mn	362-391
		75		Beta, Y/B, Mn	392-421
		90		Alpha, Y/B, Mn	422-451
T301S1 Upper/Lower Wing Pressures				Beta, Y/B, Mn	452-481
T302S1 Upper/Lower Wing Pressures				Alpha, Y/B, Mn	482-499
	0.0			Beta, Y/B, Mn	500-517
T302S1 Upper/Lower Wing Pressures	-1.5	90	CP vs. X/C	Alpha, Y/B, Mn	518-535

TABLE VI. (CONCLUDED)

TITLE	PARAMETER VALUES i_o	PARAMETER VALUES ϕ_s	PLOT TYPE	CONDITIONS VARYING	PAGE
T302S1 Upper/Lower Wing Pressures	-1.5	90	CP vs. X/C	Beta, Y/B, Mn	536-553
				Alpha, Y/B	554-556
	-1.5			Beta, Y/B	557-559
	0.0			Alpha, Y/B	560-565
T302S1 Upper/Lower Wing Pressures	0.0			Beta, Y/B	566-571
T301S1 Upper/Lower Wing Pressures	-1.5			Alpha,Y/B, Mn	572-601
		90		Beta, Y/B, Mn	602-631
		135		Alpha, Y/B, Mn	632-661
	-1.5			Beta, Y/B, Mn	662-691
	0.0			Alpha, Y/B, Mn	692-721
T301S1 Upper/Lower Wing Pressures				Beta, Y/B, Mn	722-751
T302S1 Upper/Lower Wing Pressures				Alpha, Y/B, Mn	752-769
	0.0			Beta, Y/B, Mn	770-787
	-1.5			Alpha, Y/B, Mn	788-805
T302S1 Upper/Lower Wing Pressures		135		Beta, Y/B, Mn	806-823
T101S1 Upper/Lower Wing Pressures		75		Alpha, Y/B	824-829
T101S1 Upper/Lower Wing Pressures	-1.5	75	CP vs. X/C	Alpha, Y/B	830-835

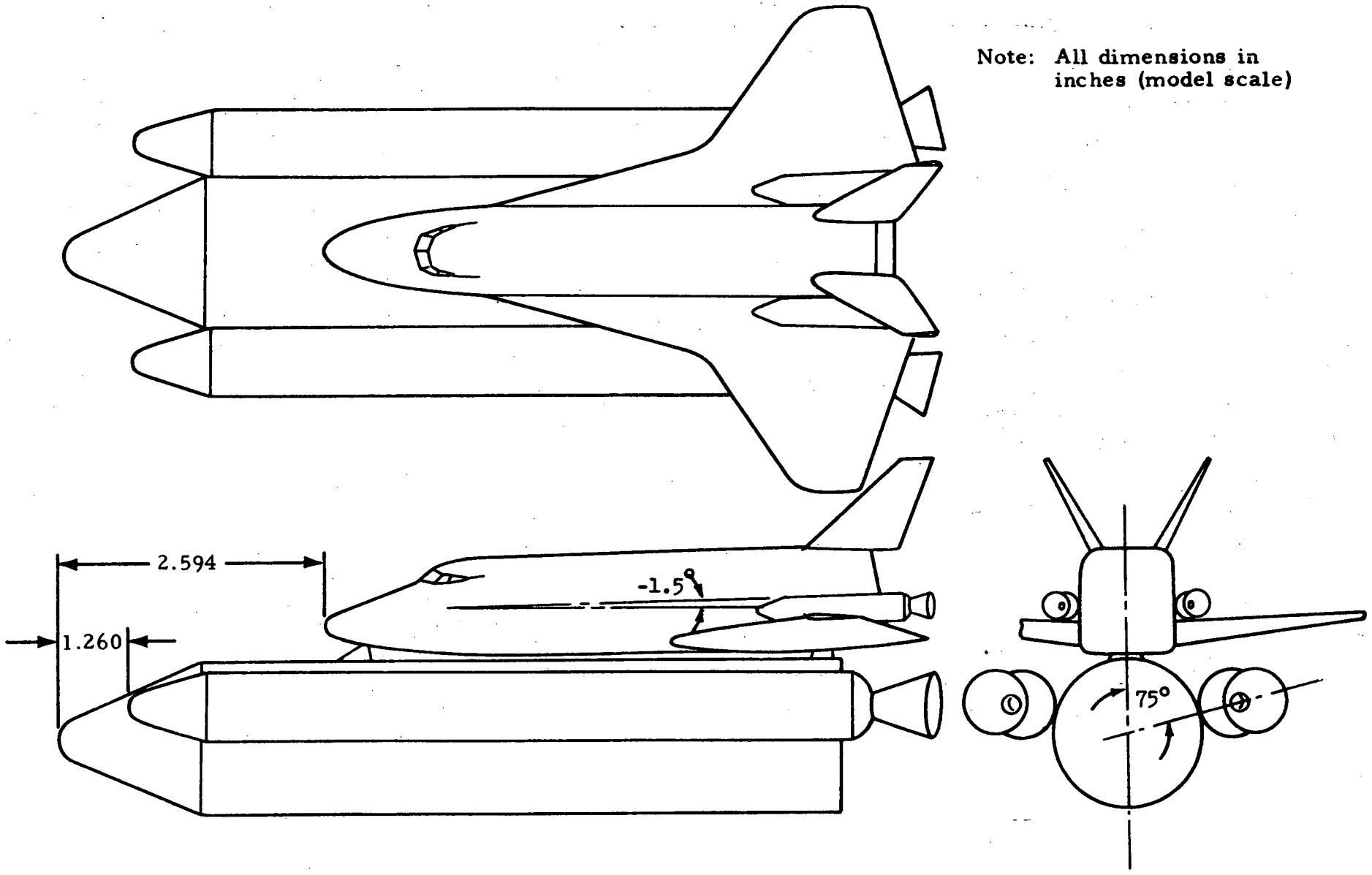


Fig. 1 - Baseline Launch Vehicle

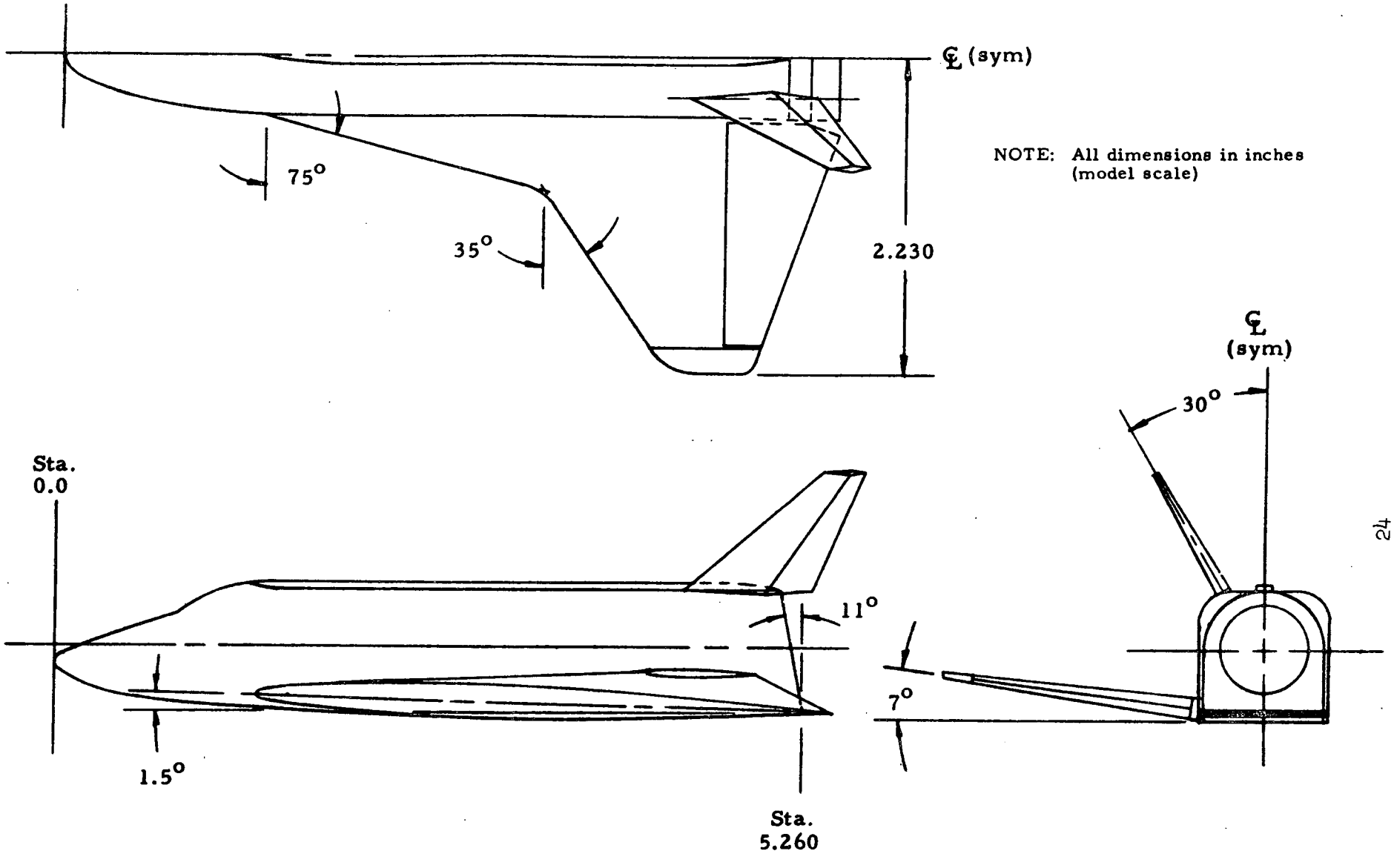


Fig. 2- General Arrangement, Space Shuttle 049 Orbiter

Note: All dimensions in inches (model scale)

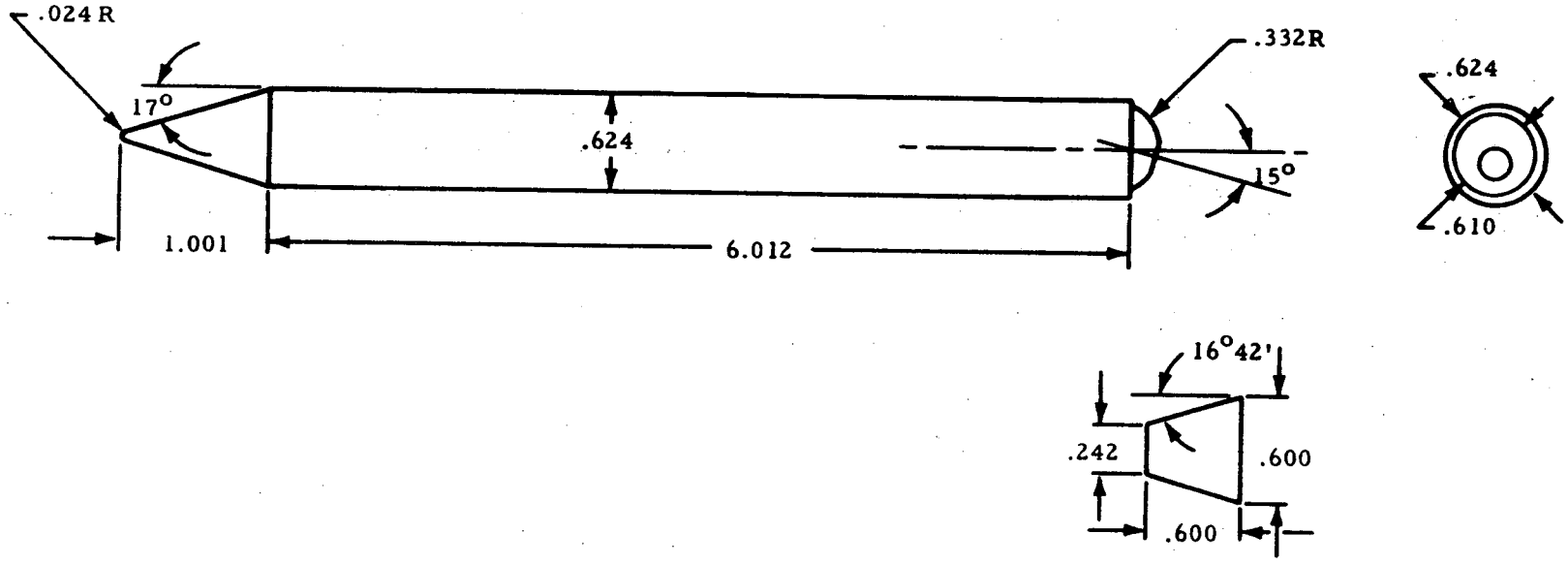


Fig. 3- 156-Inch Solid Rocket Motor

NOTE: All dimensions in inches (model scale)

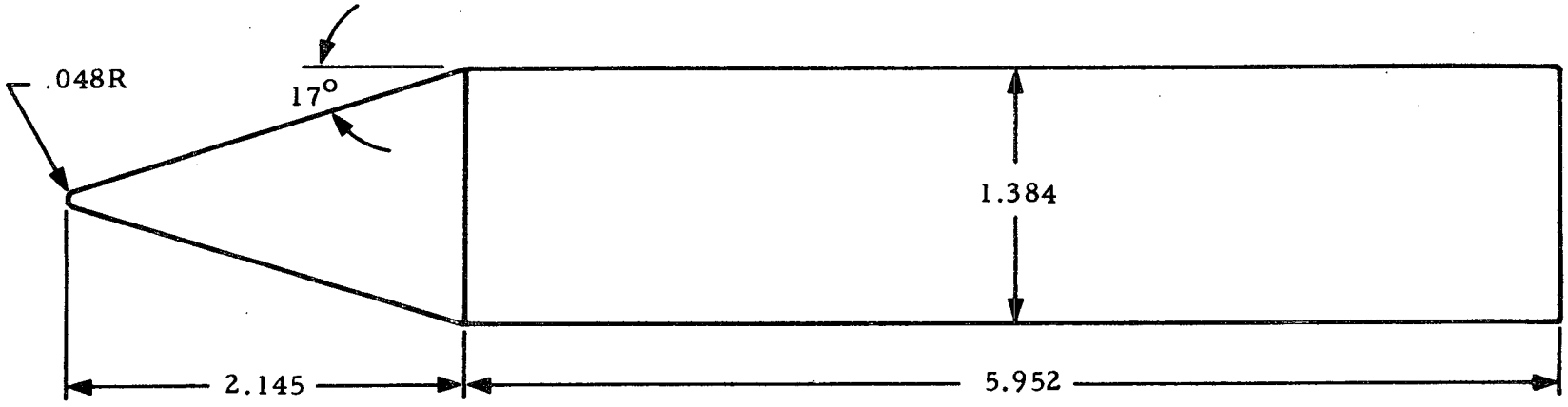


Fig. 4 - 346-Inch Diameter HO Tank with 17-Degree Nosecone

Numbers in parenthesis are on the lower surface

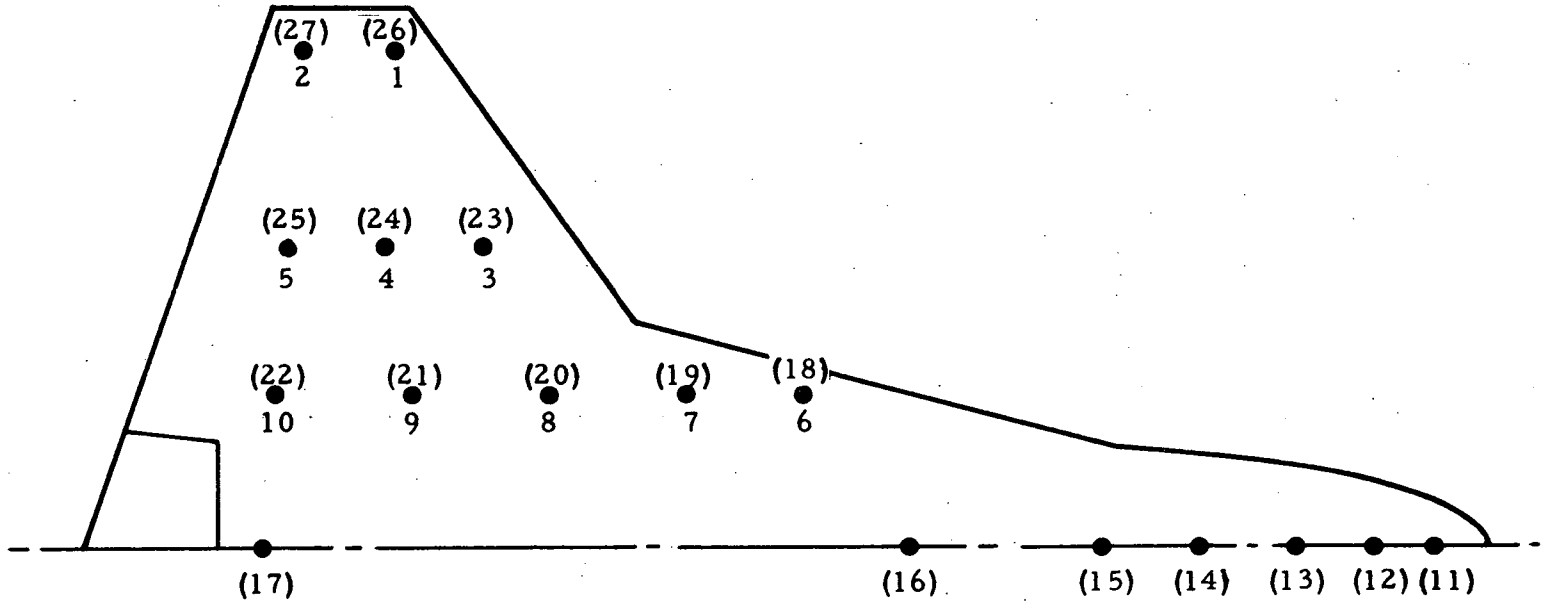


Fig. 5 - Static Pressure Tap Positions

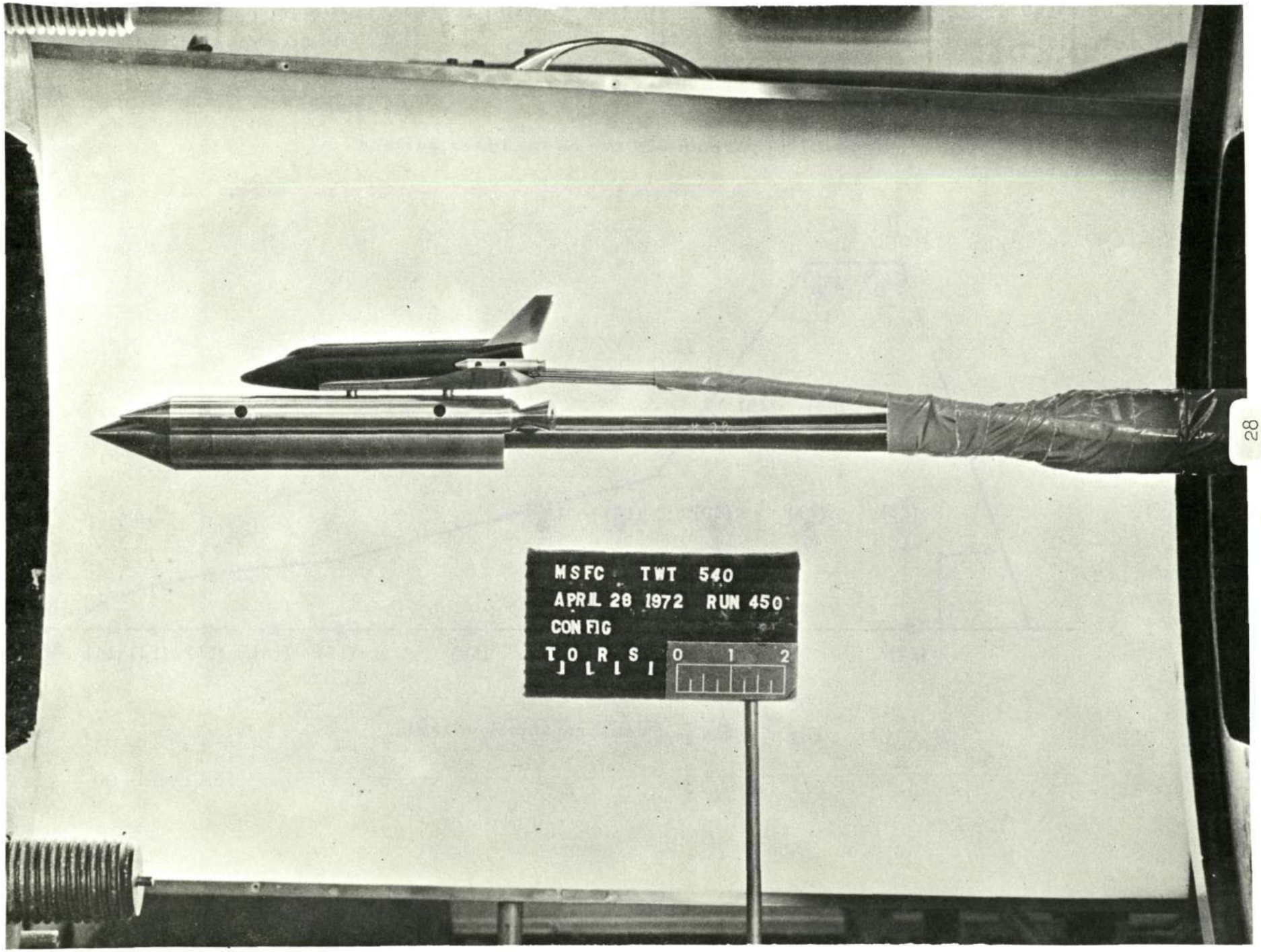
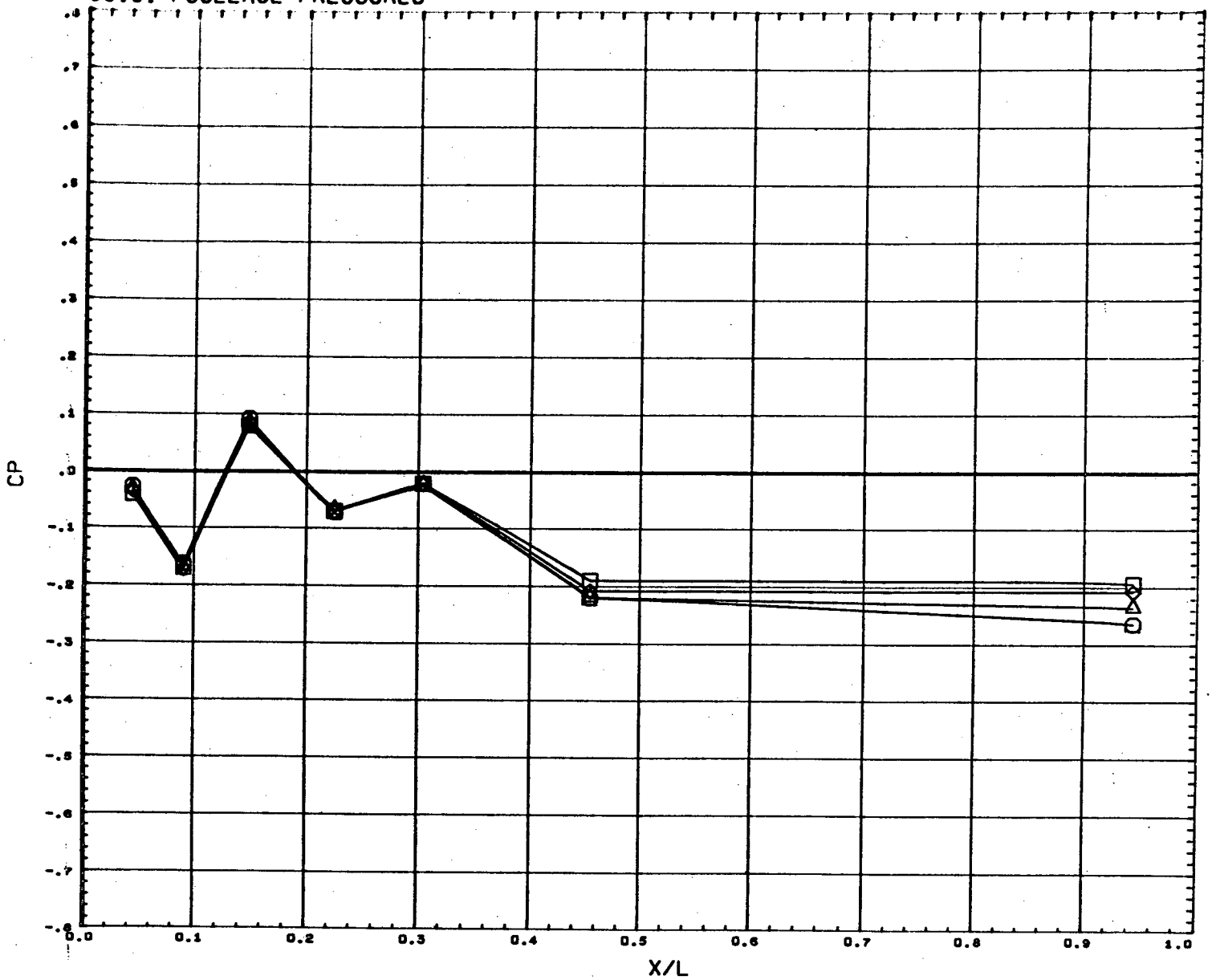


Figure 6. Typical MSFC 14x14-Inch Tunnel Installation for Pressure Testing of 049 Orbiter in the Launch Configuration

D A T A F I G U R E S

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	0.595
△	- 6.000		
◇	- 4.000		
□	- 2.000		

PARAMETRIC VALUES

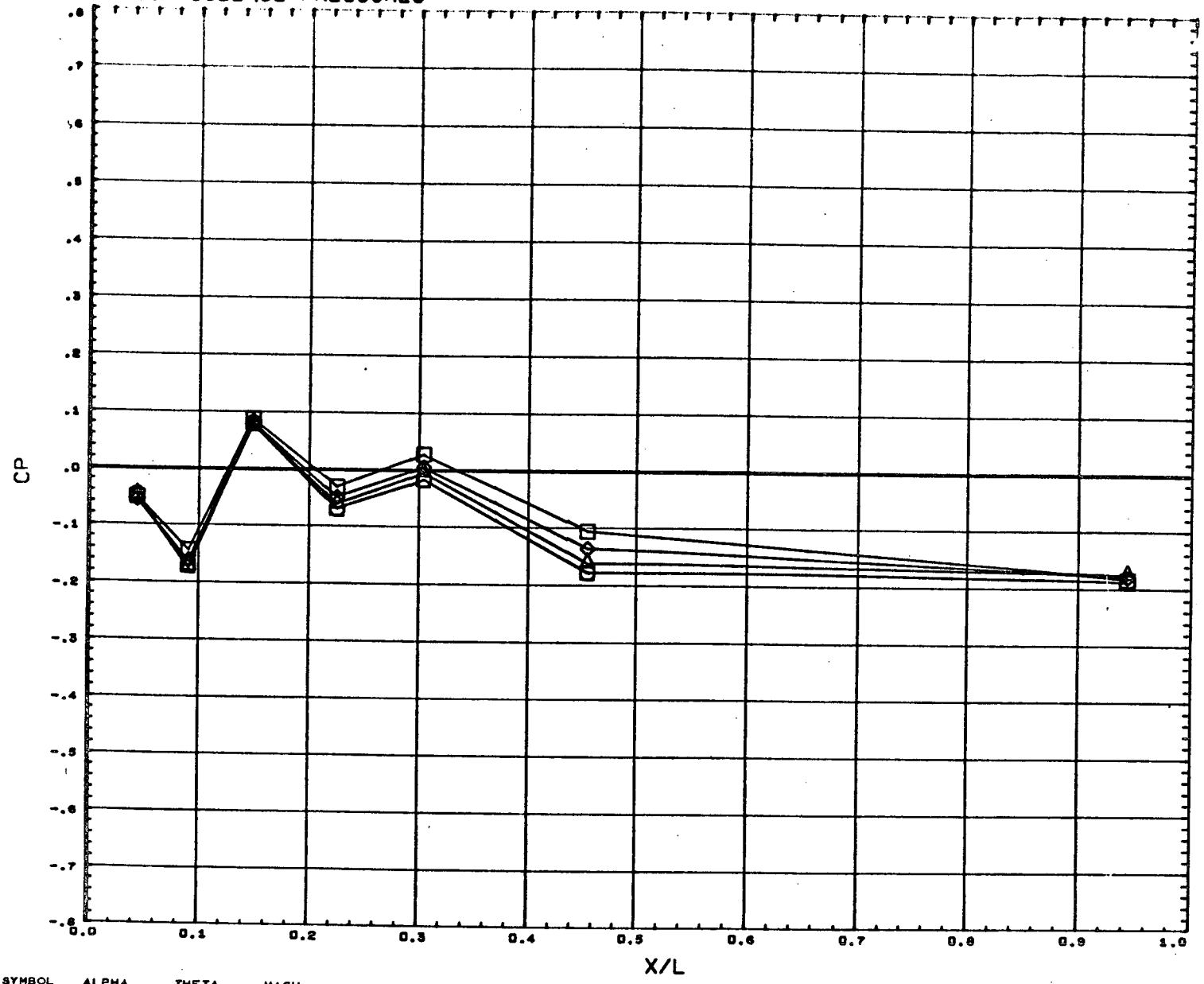
BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	0.000	0.000	0.595
△	2.000		
◇	4.000		
□	6.000		

REFERENCE FILE

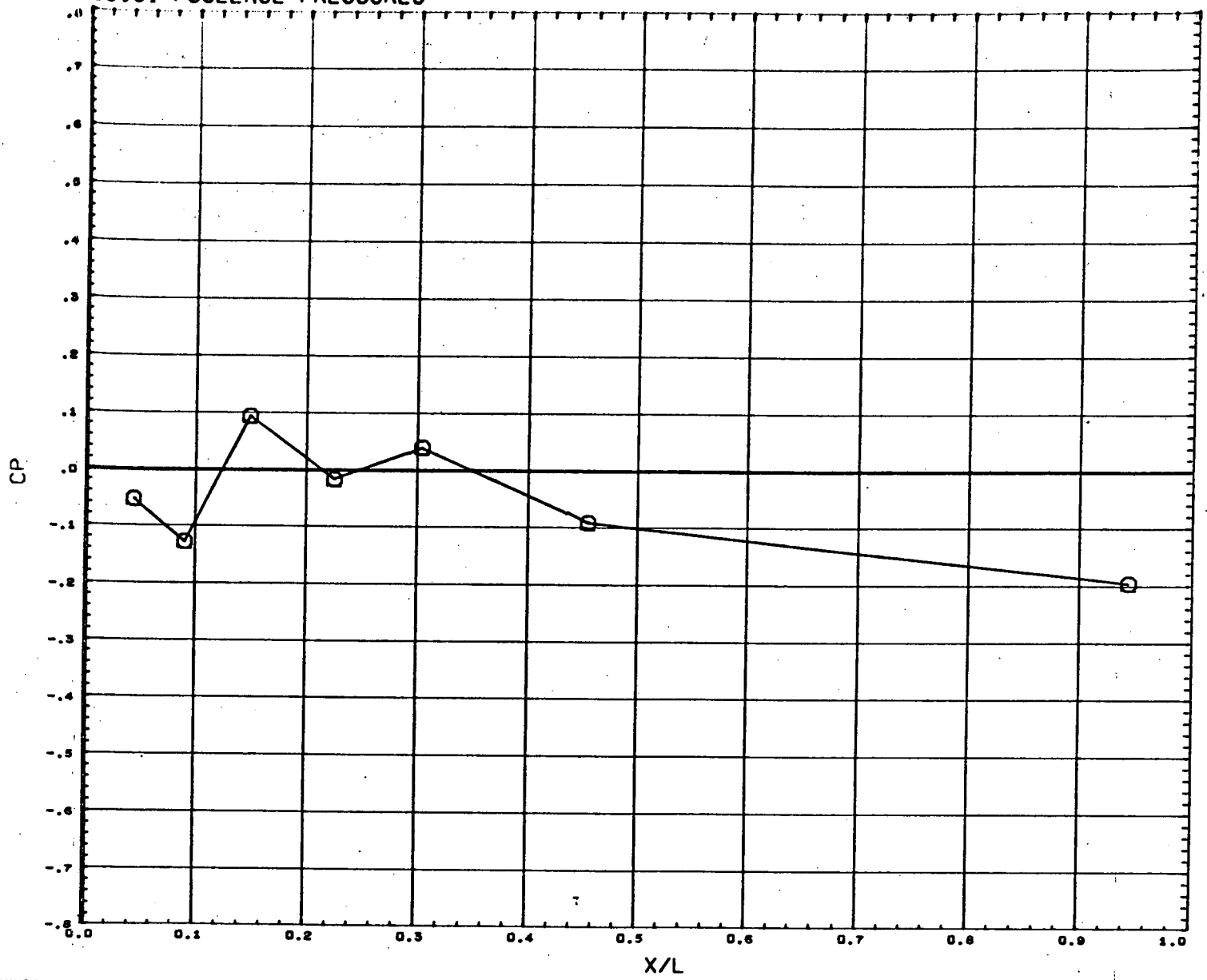
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
O	8.000	0.000	0.595

PARAMETRIC VALUES

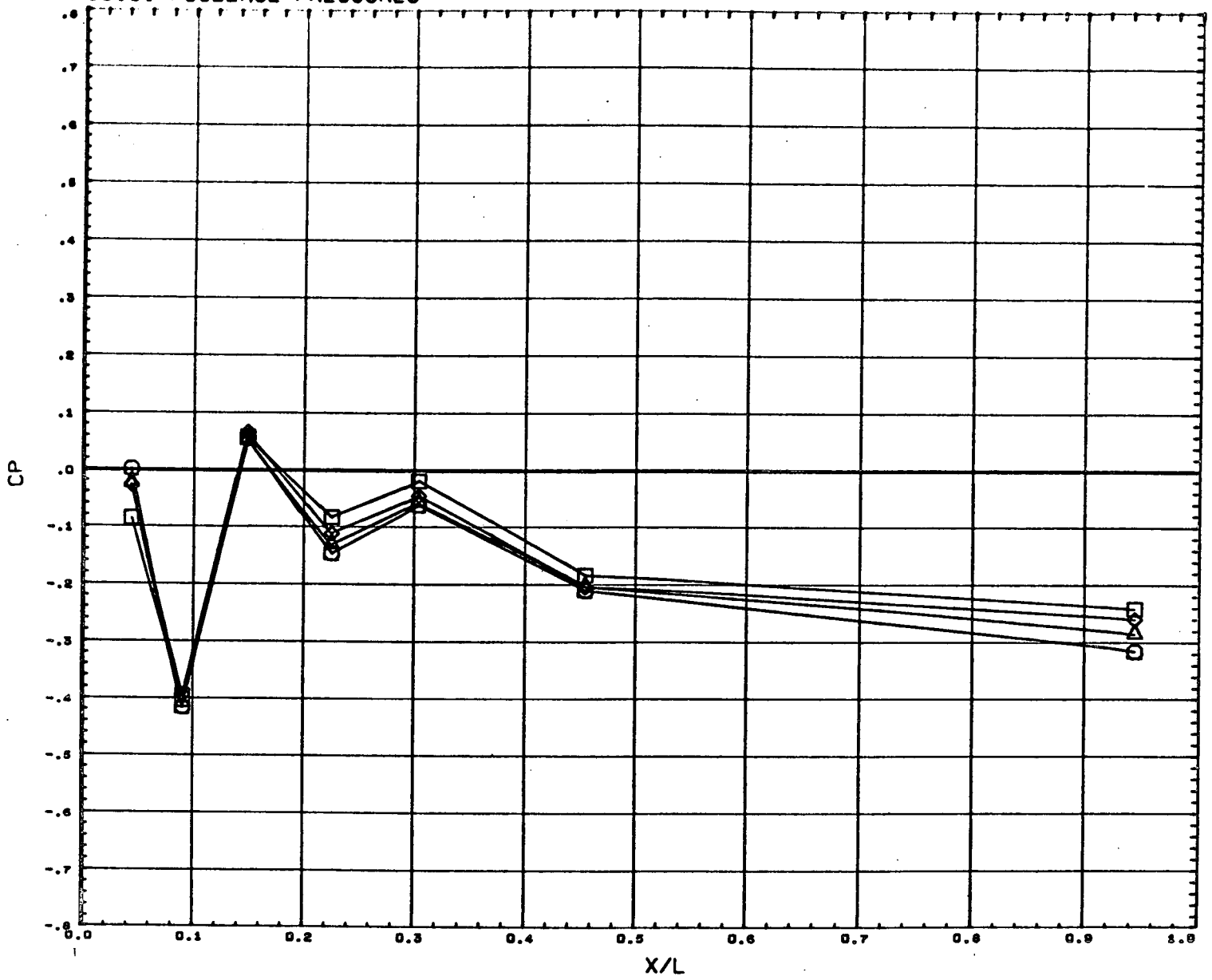
BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	2.000		

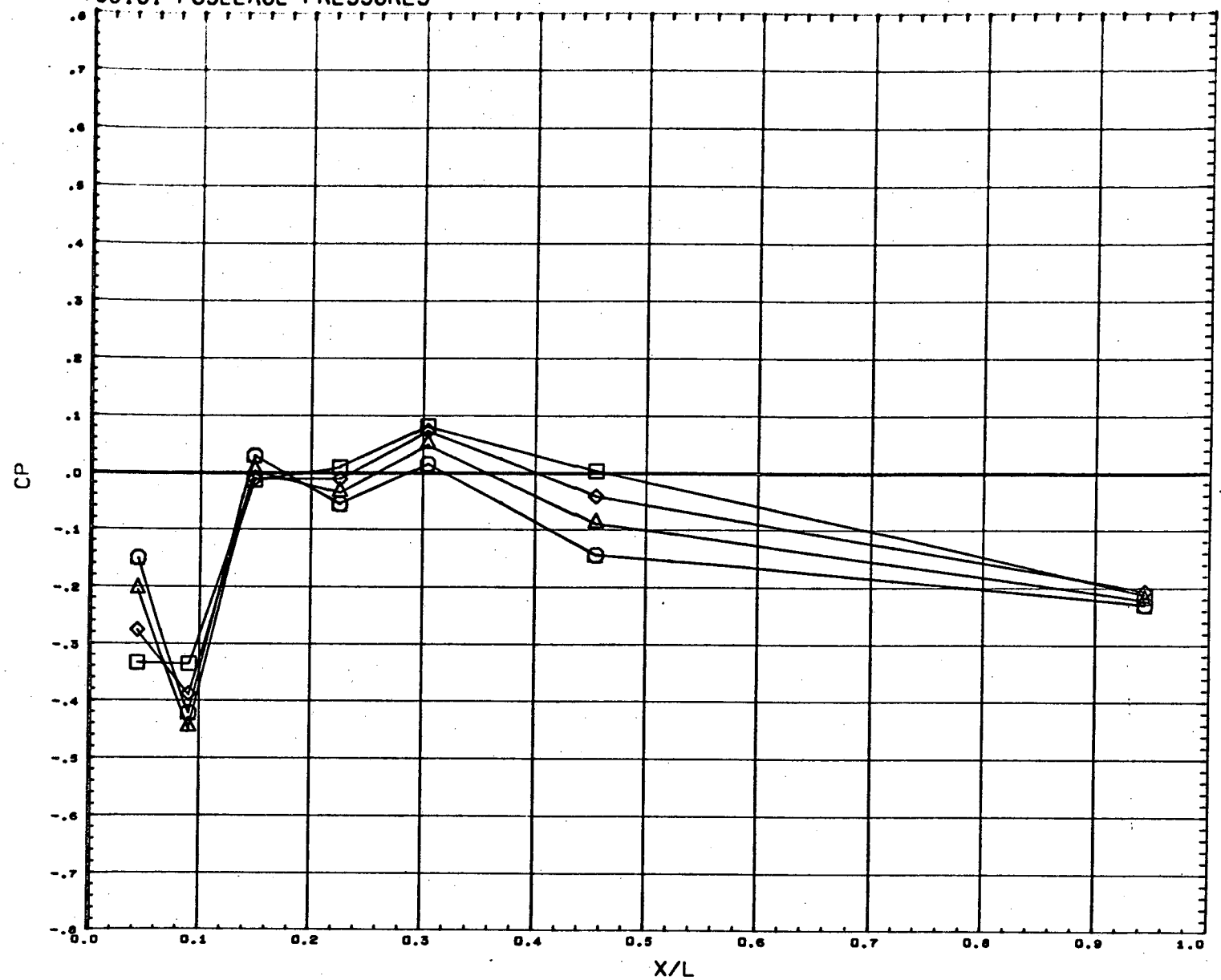
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	0.000	0.000	0.900
△	2.000		
◇	4.000		
□	6.000		

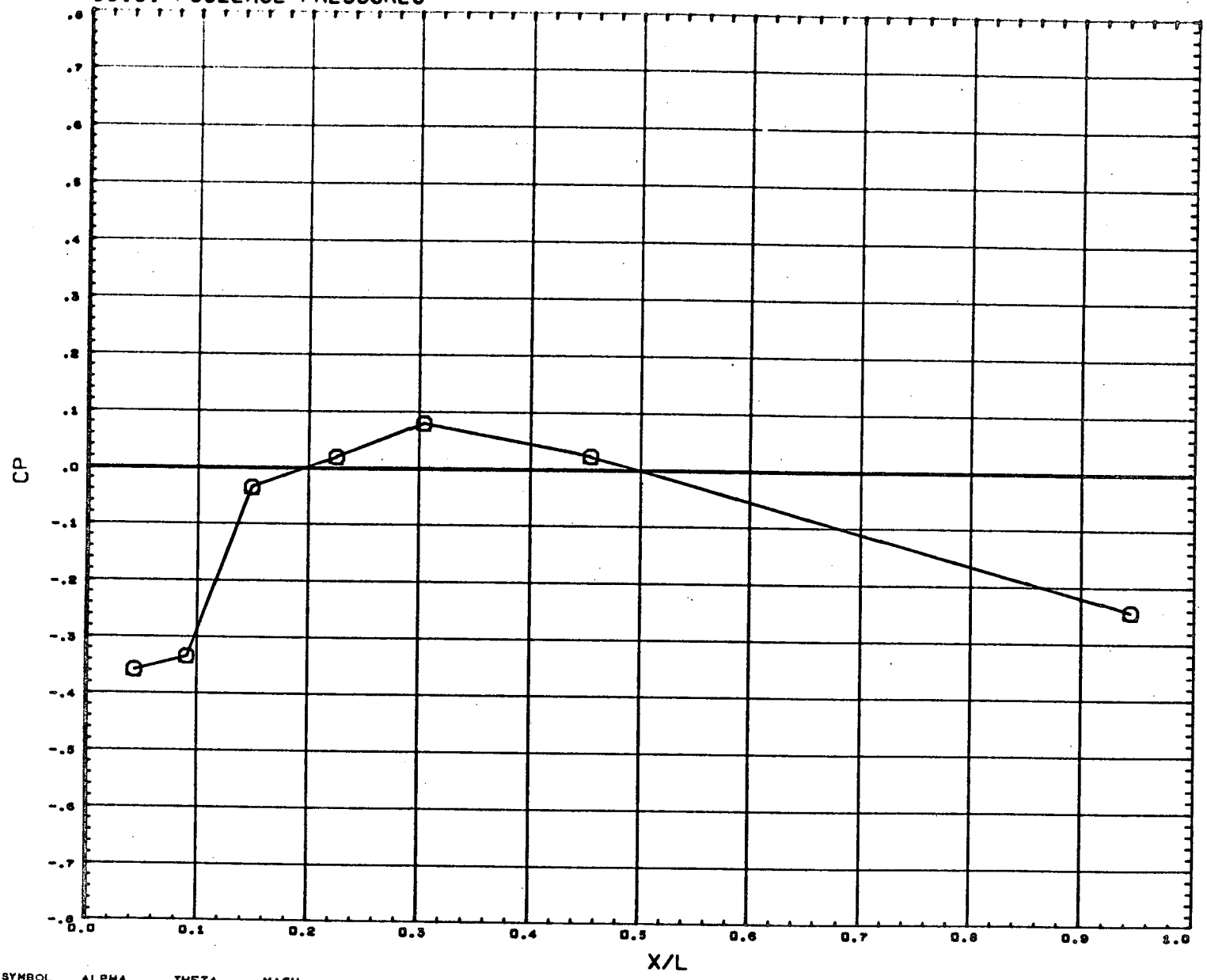
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
O	8.000	0.000	0.900

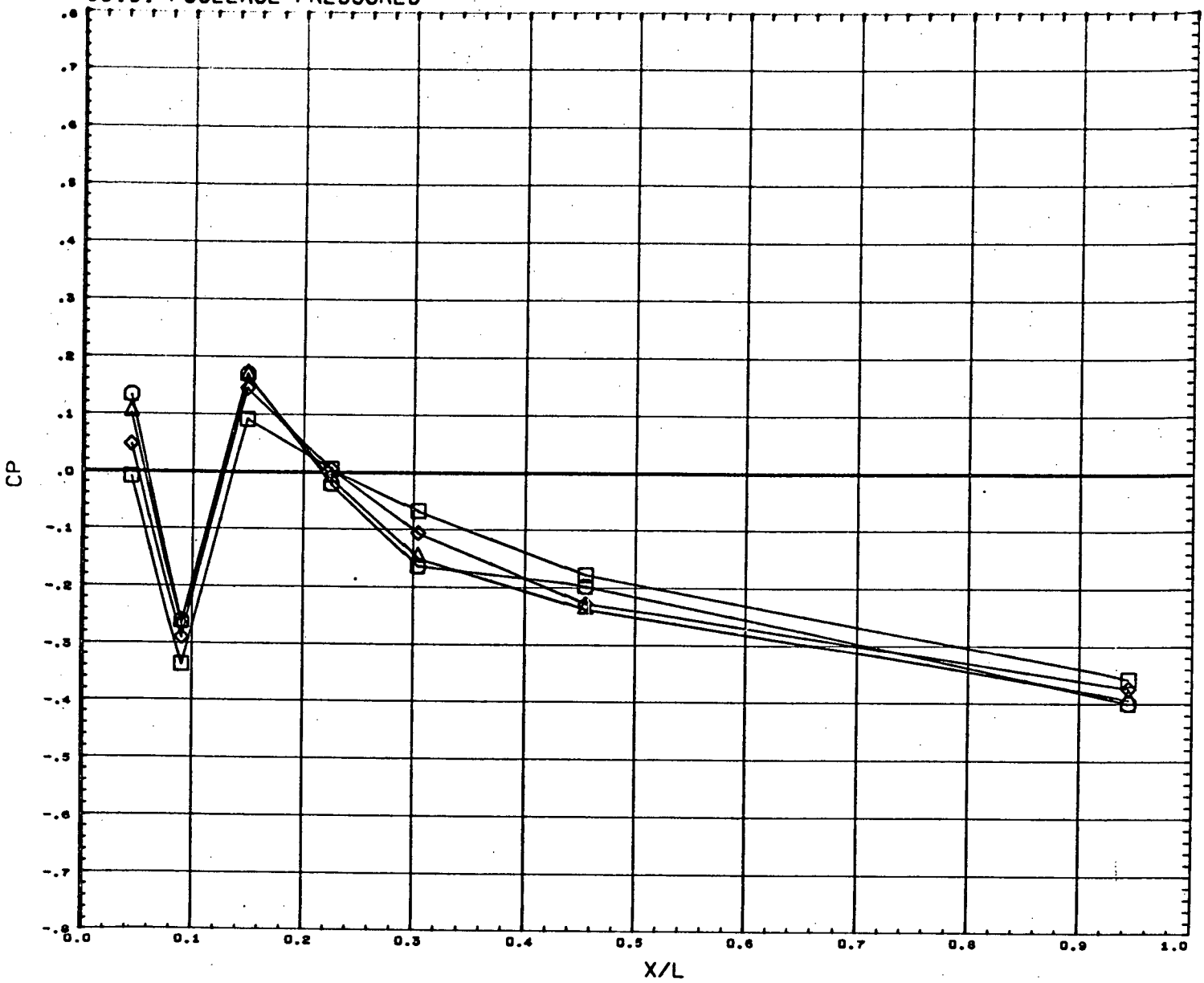
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	2.000		

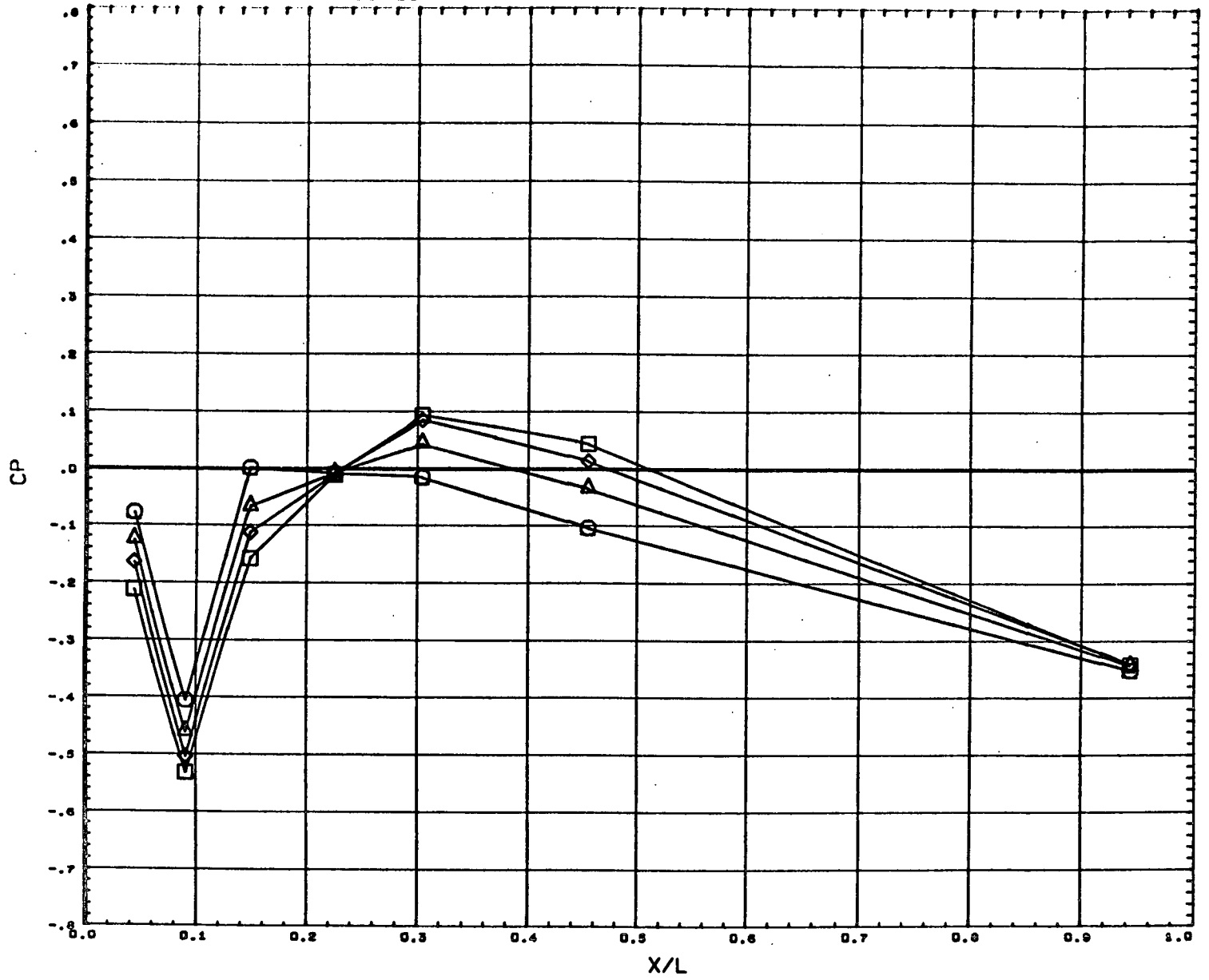
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	0.000	0.000	0.997
△	2.000		
◇	4.000		
□	6.000		

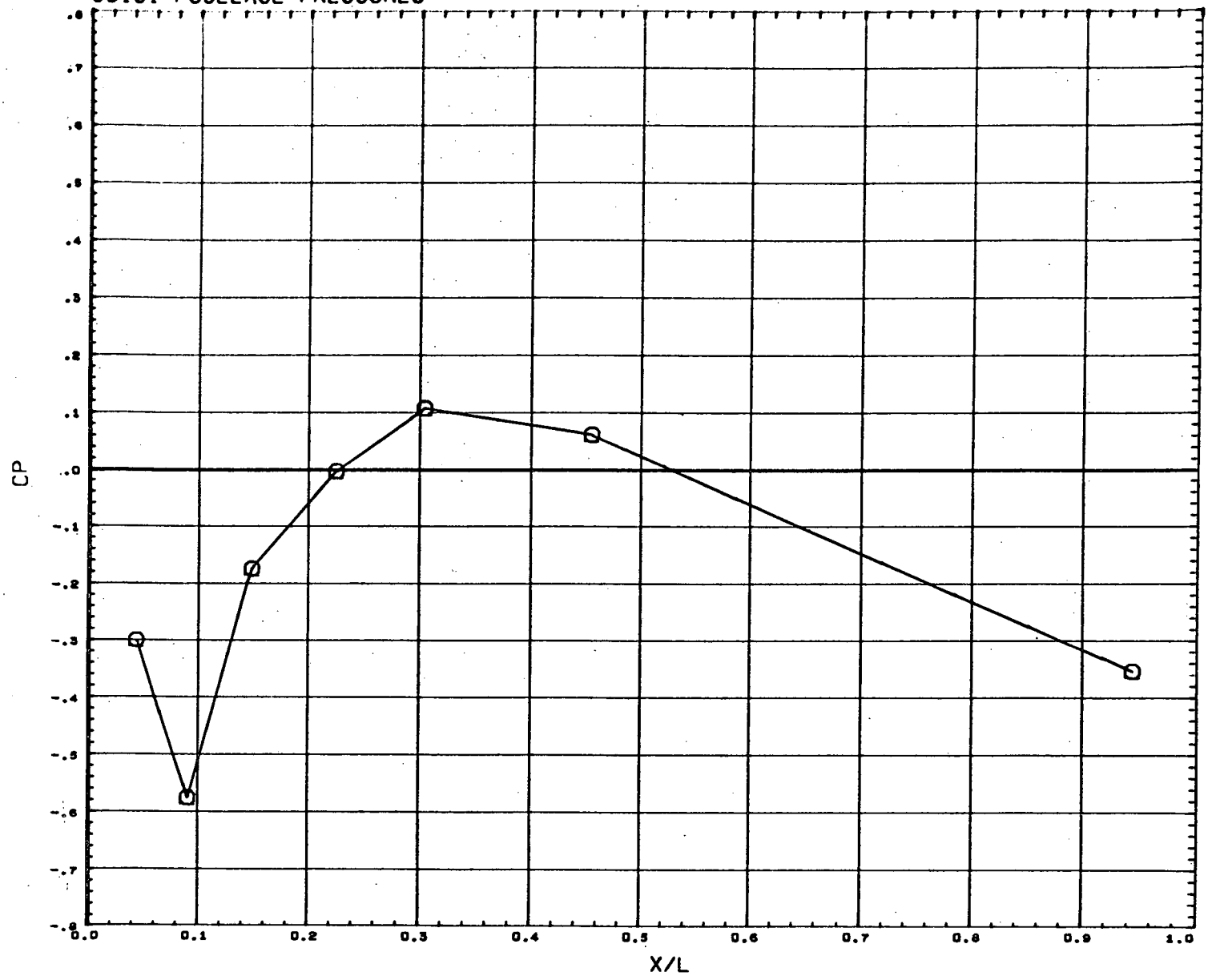
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
O	6.000	0.000	0.997

PARAMETRIC VALUES

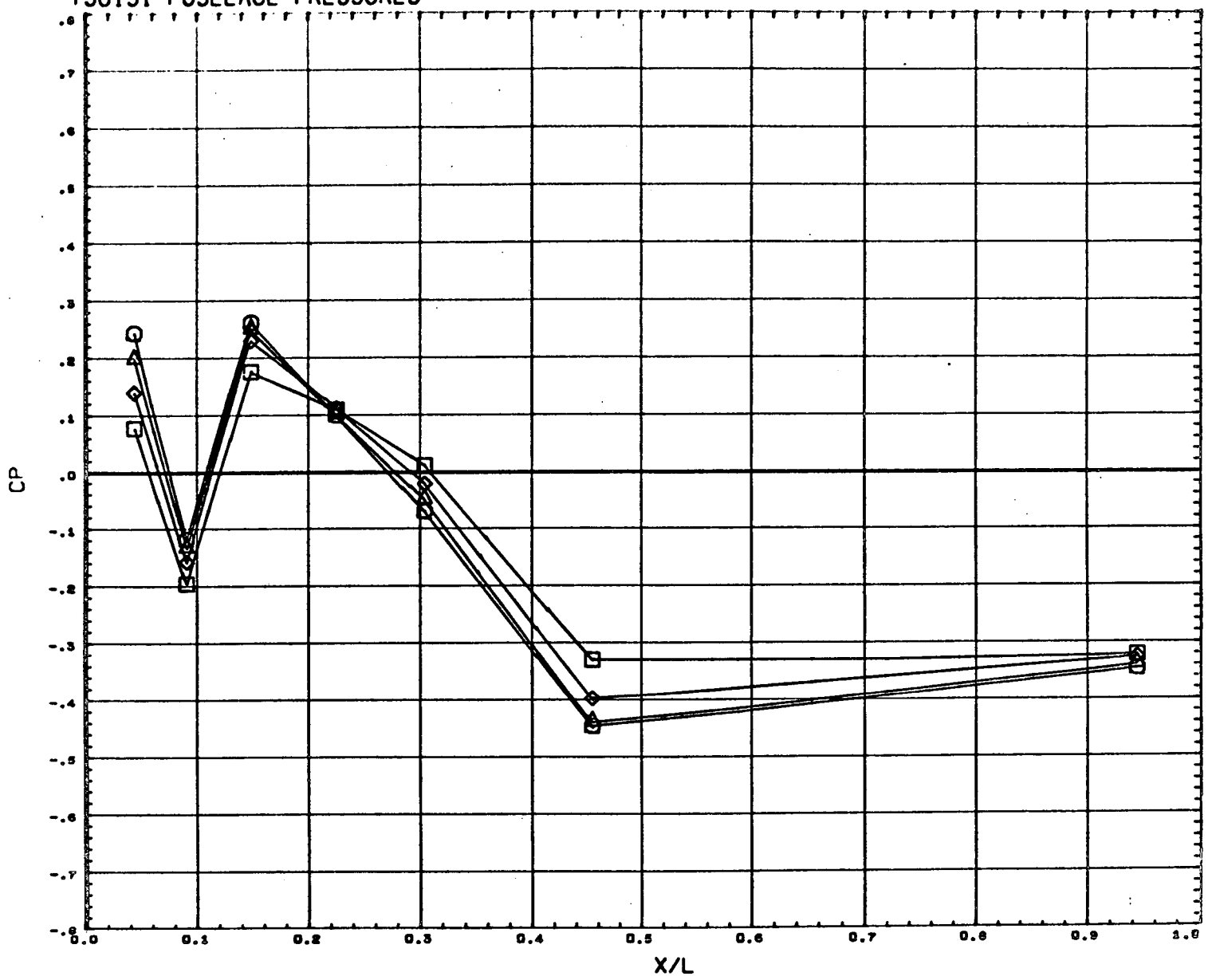
BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.097
△	6.000		
◇	4.000		
□	2.000		

PARAMETRIC VALUES

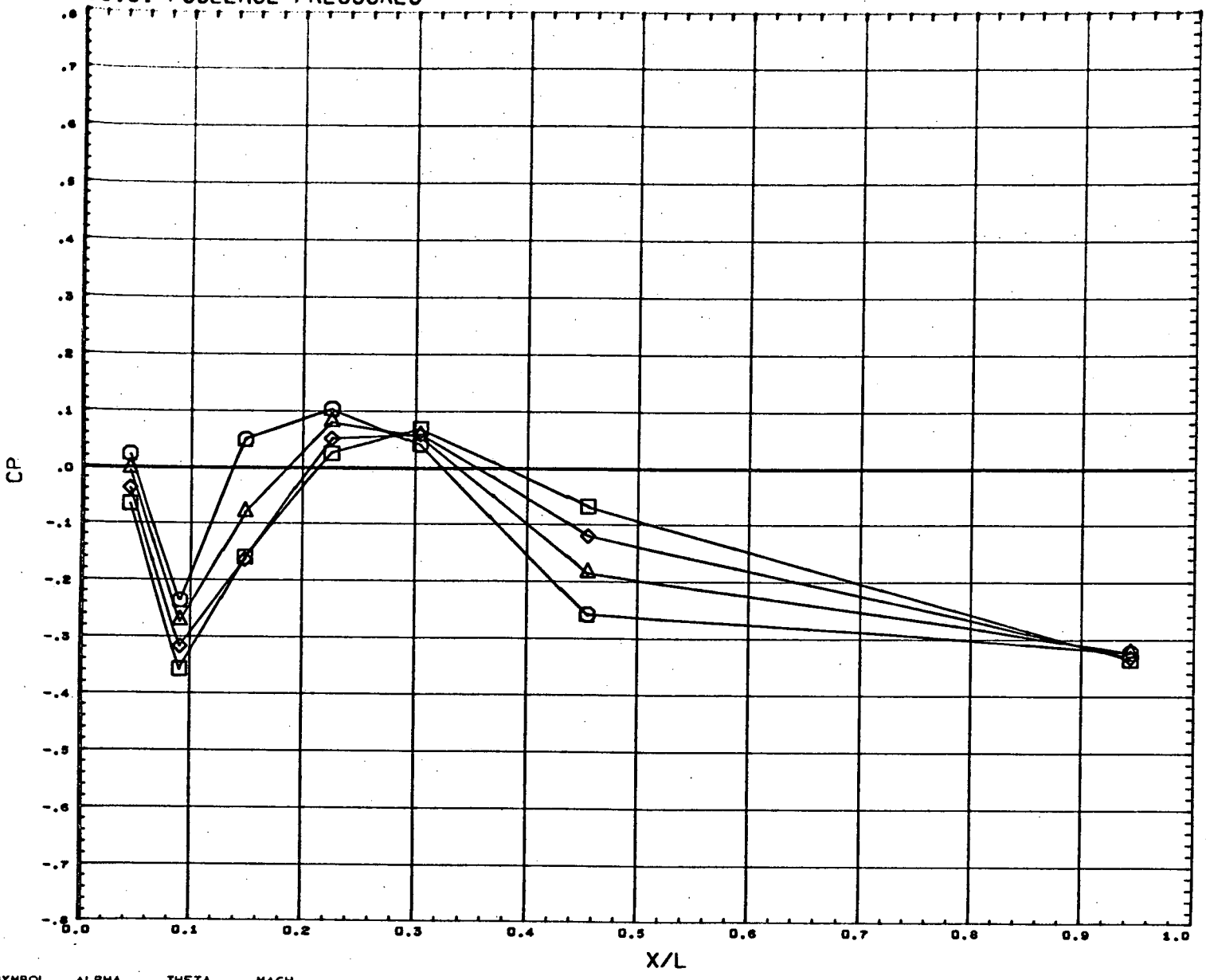
BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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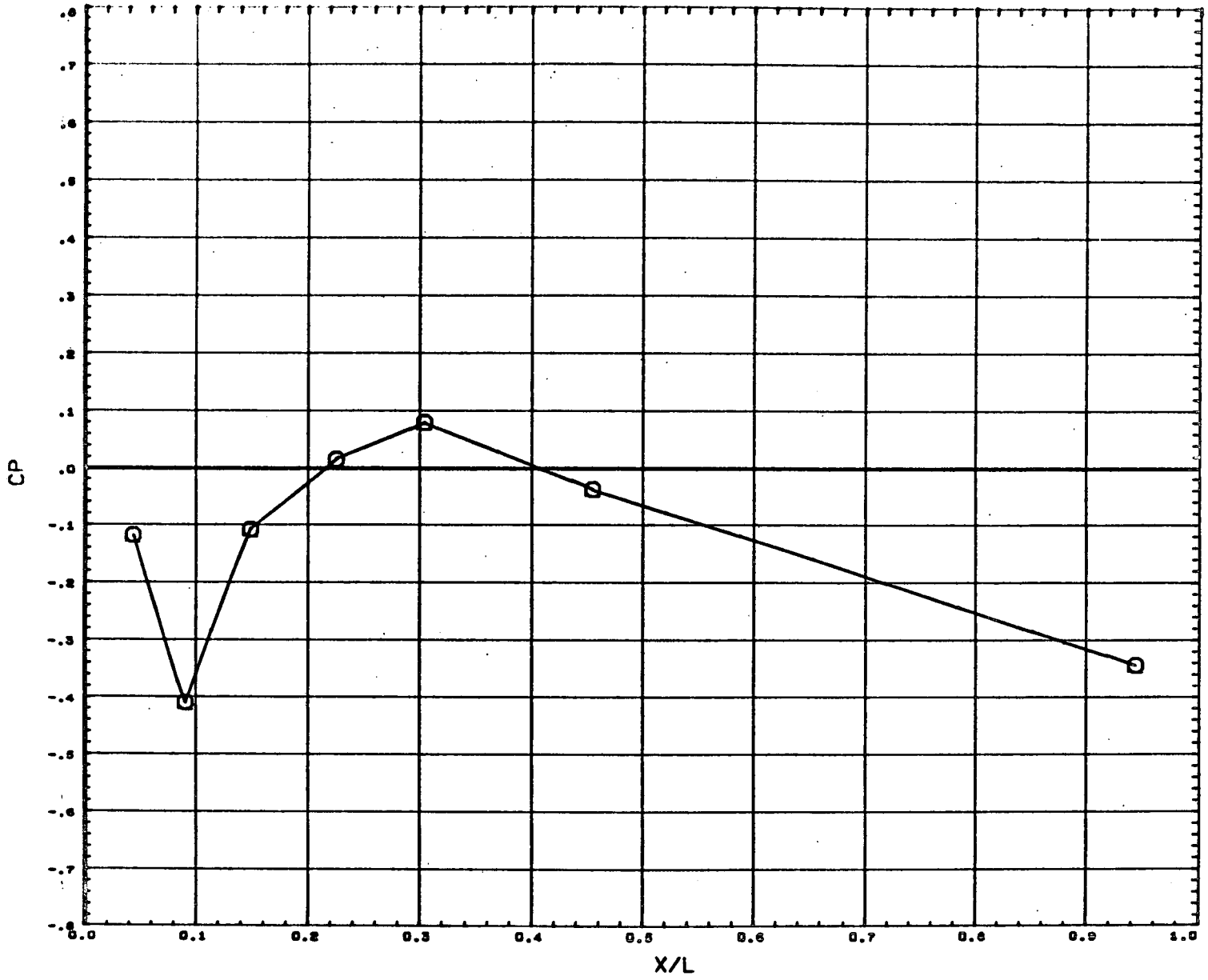
△	2.000		
◇	4.000		
□	6.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
O	0.000	0.000	1.097

PARAMETRIC VALUES

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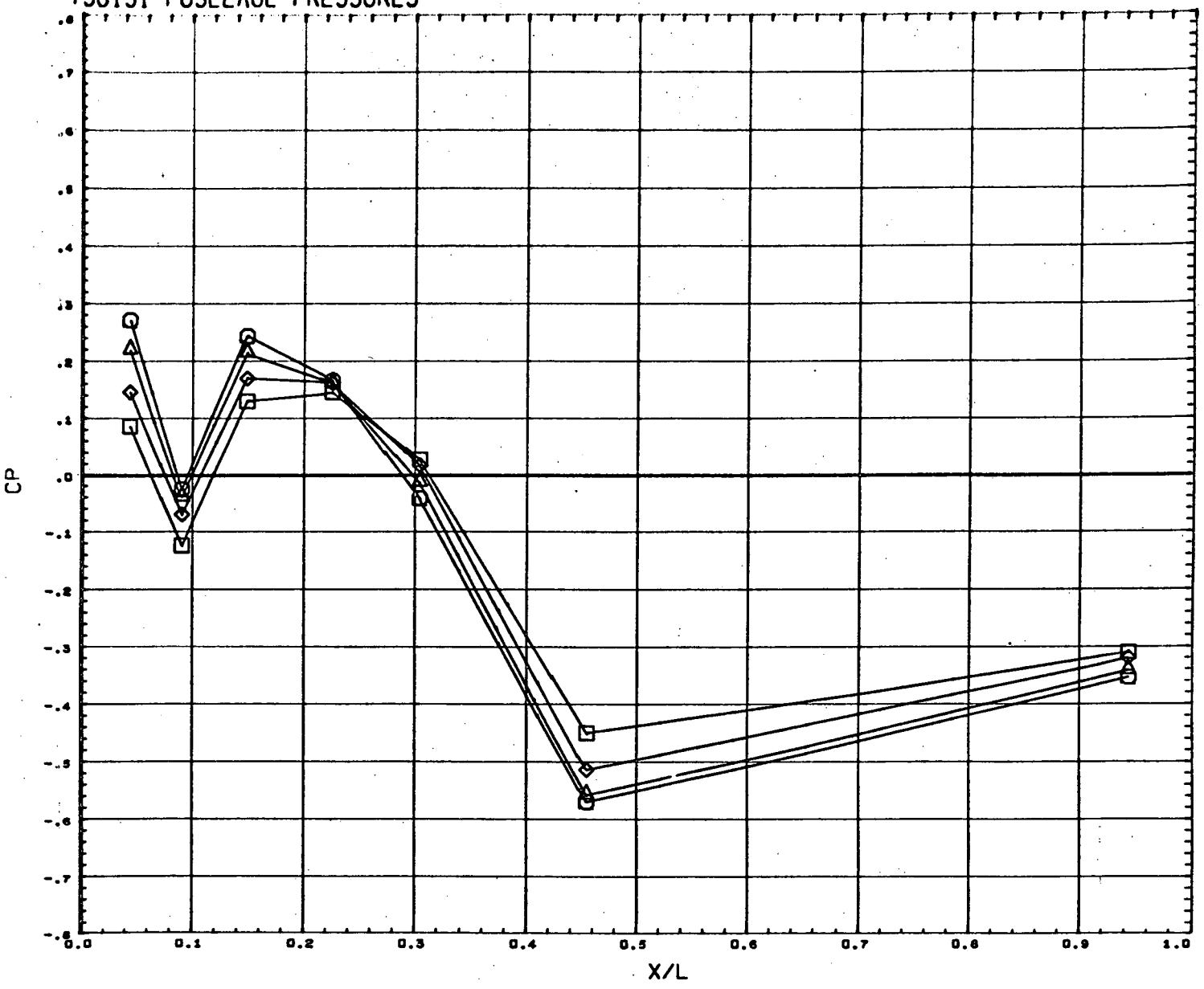
PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	- 6.000		
◇	- 4.000		
□	- 2.000		

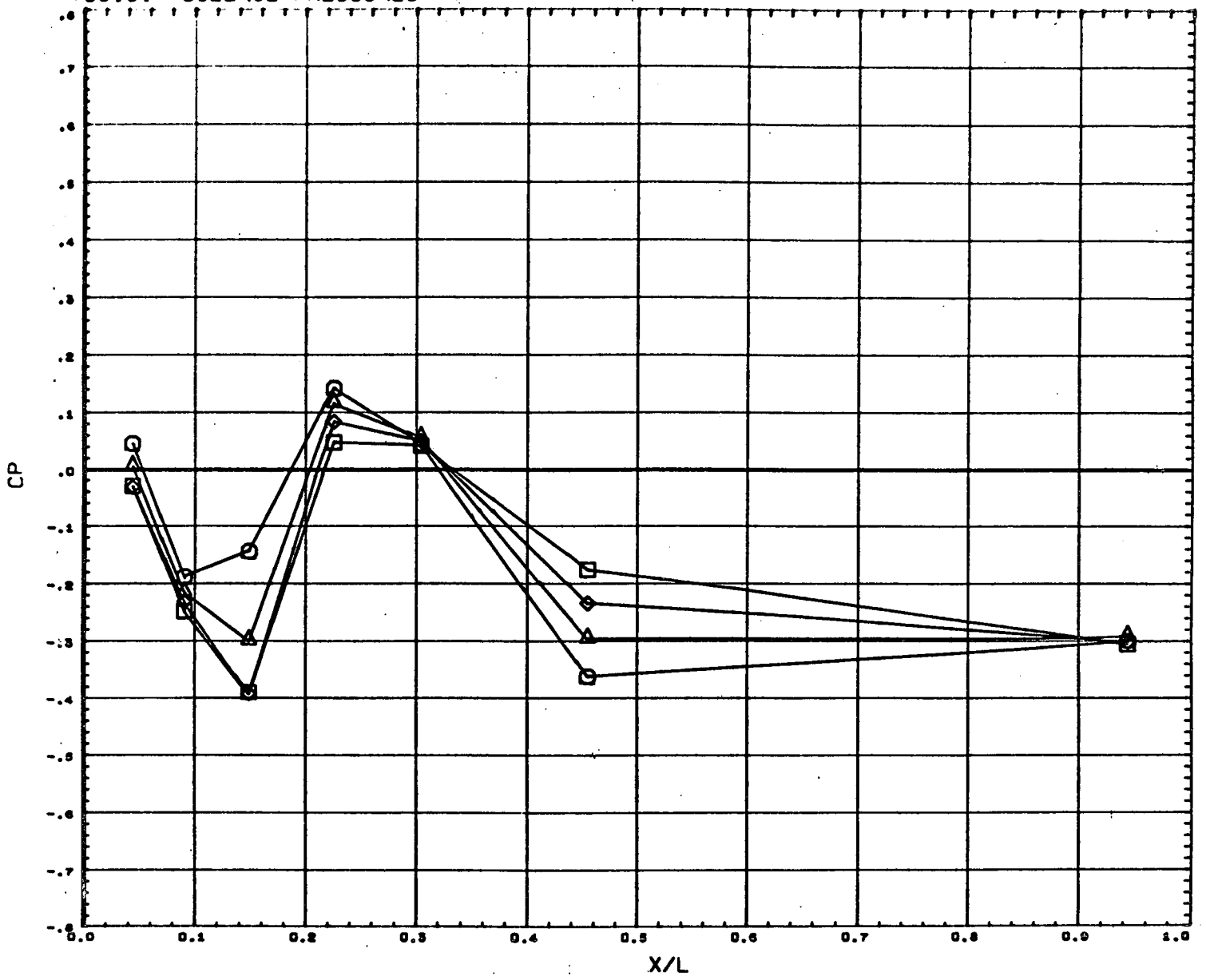
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	2.000		
◇	4.000		
□	6.000		

PARAMETRIC VALUES

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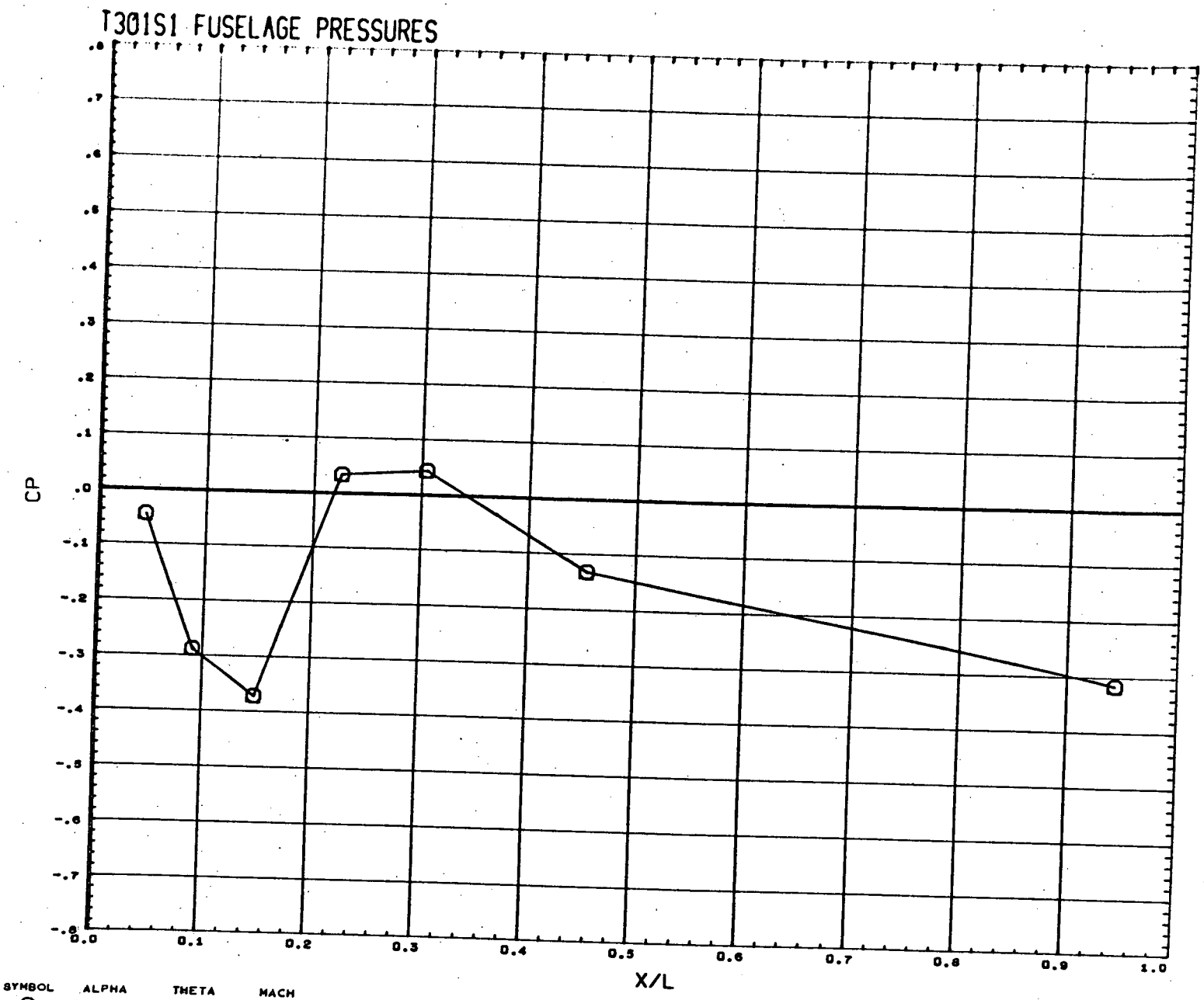
PHIS 75.000

REFERENCE FILE



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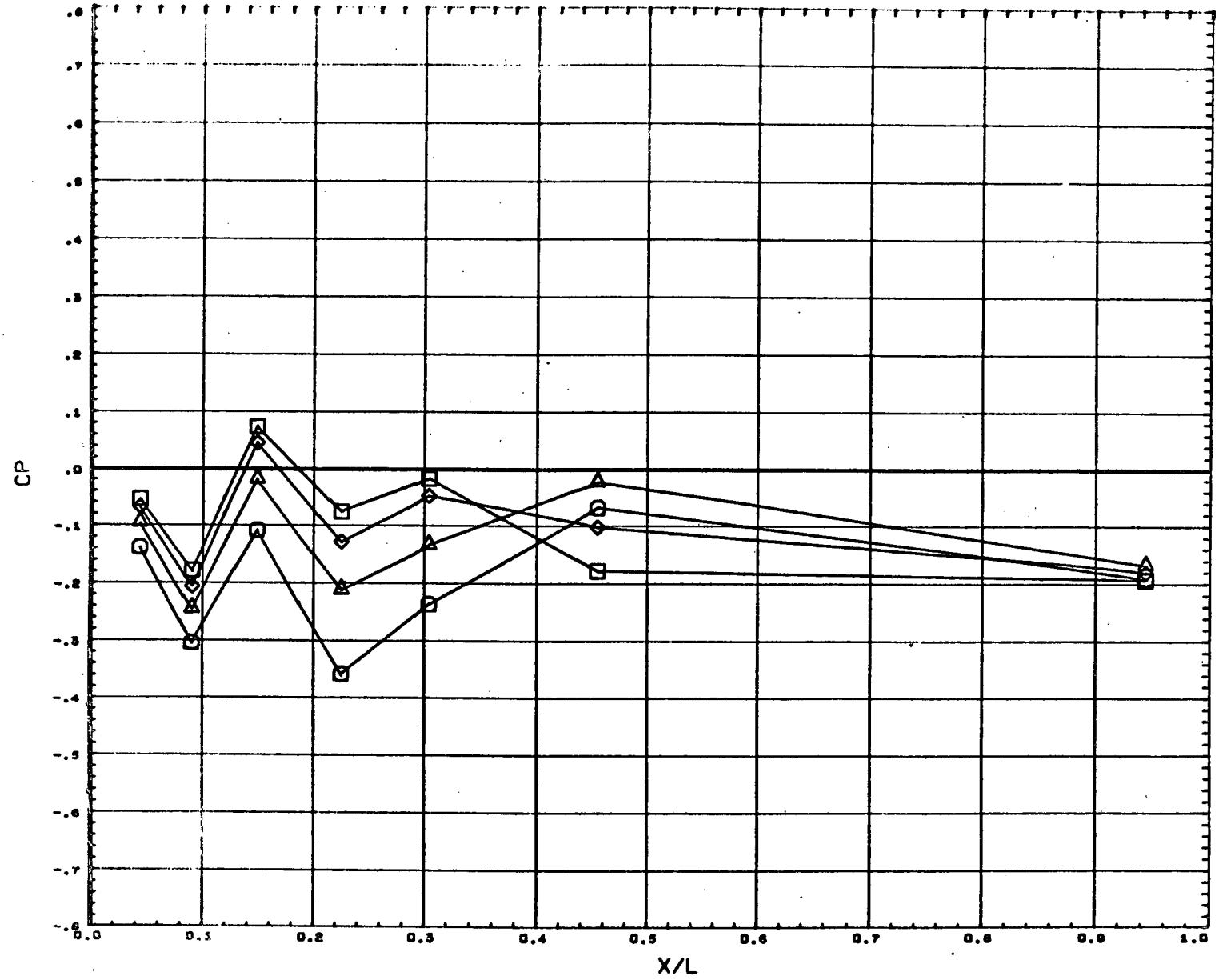
MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73001)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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△	- 4.000		
◇	- 2.000		
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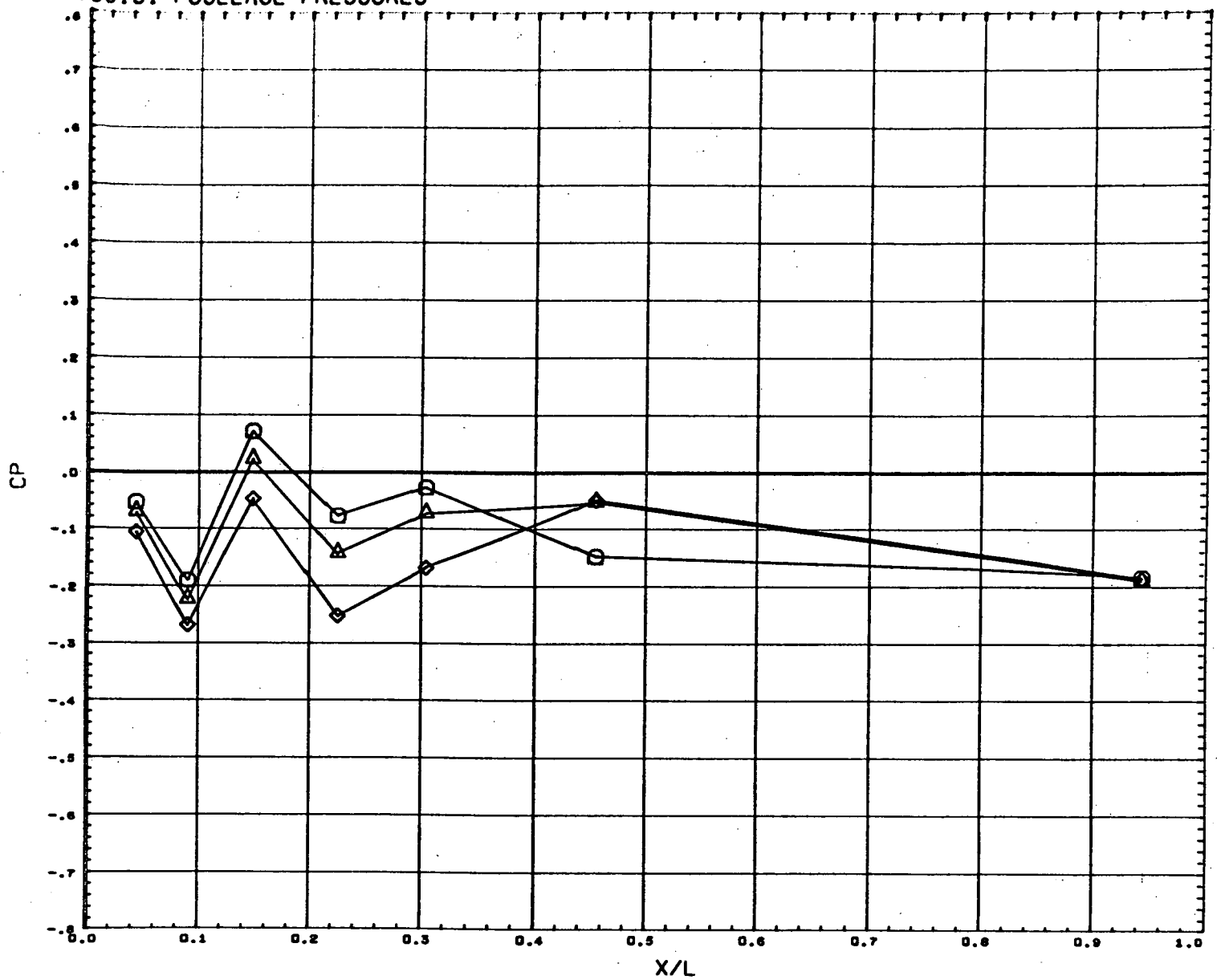
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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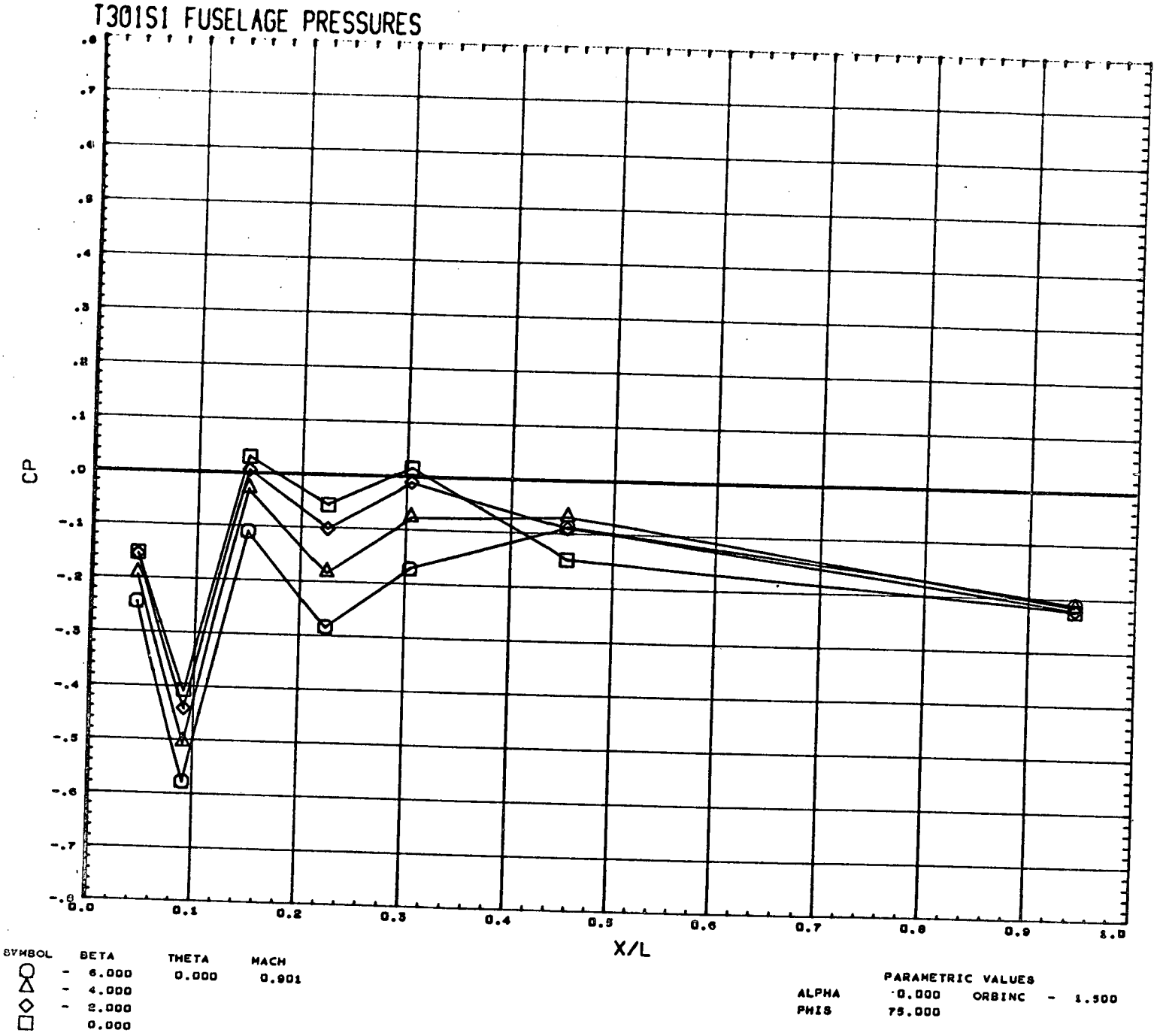
△	4.000		
◇	6.000		

PARAMETRIC VALUES

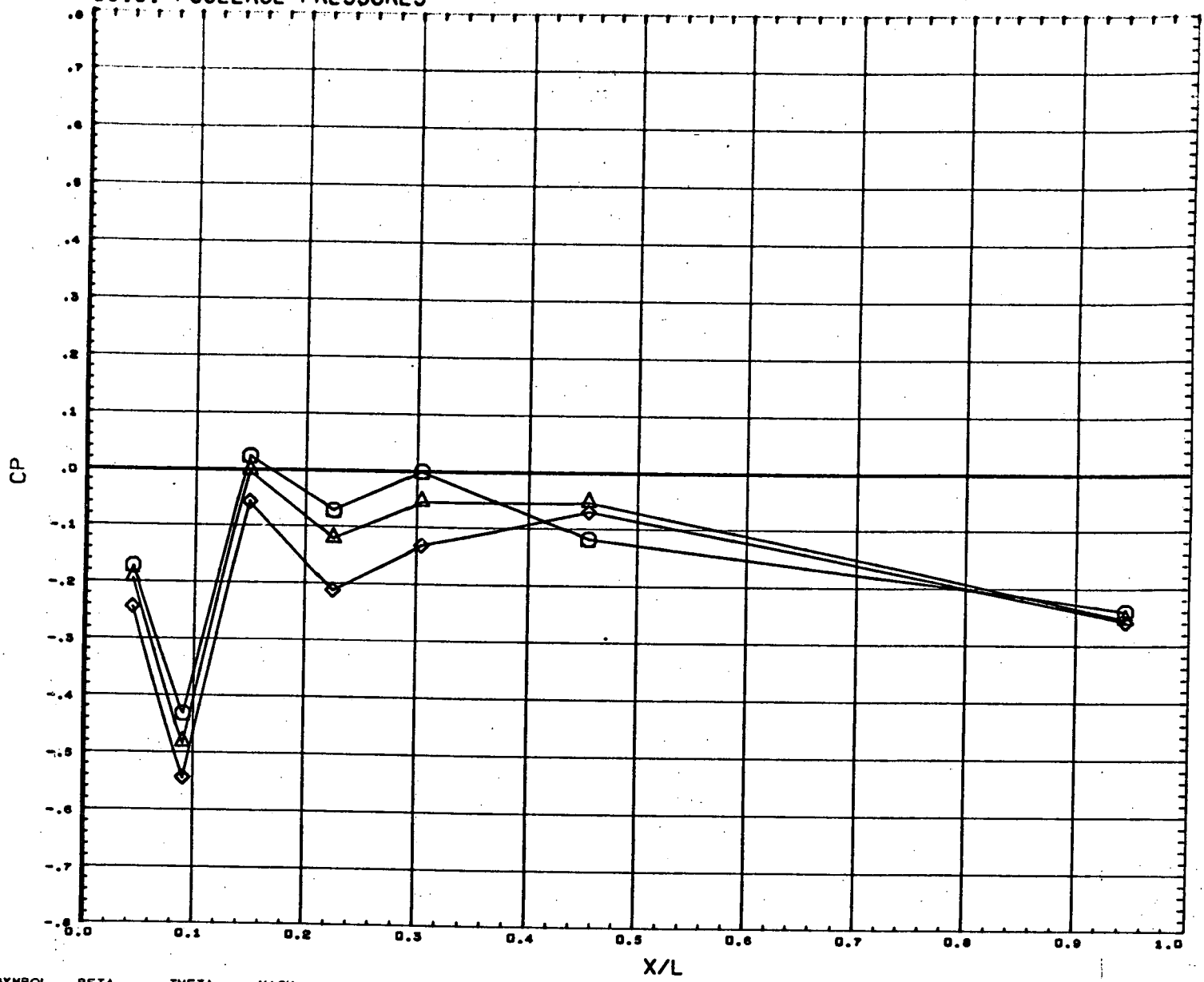
ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE


T301S1 FUSELAGE PRESSURES
CP
X/L
SYMBOL BETA THETA MACH
6.000 0.000 0.901
4.000
2.000
0.000
REFERENCE FILE
PARAMETRIC VALUES
ALPHA 0.000 ORBINC - 1.500
PHIS 75.000

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.901
△	4.000		
◇	6.000		

PARAMETRIC VALUES

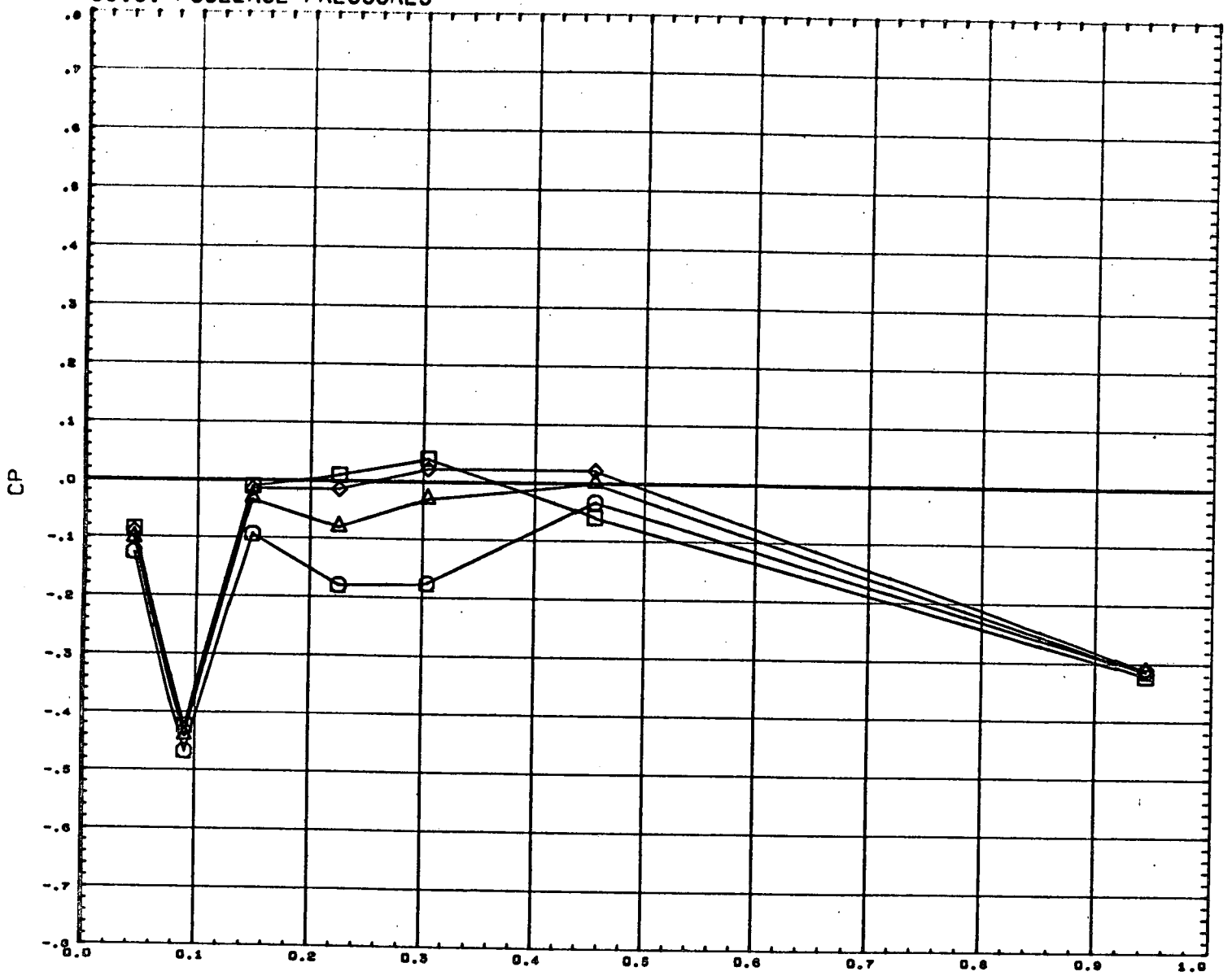
ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73002)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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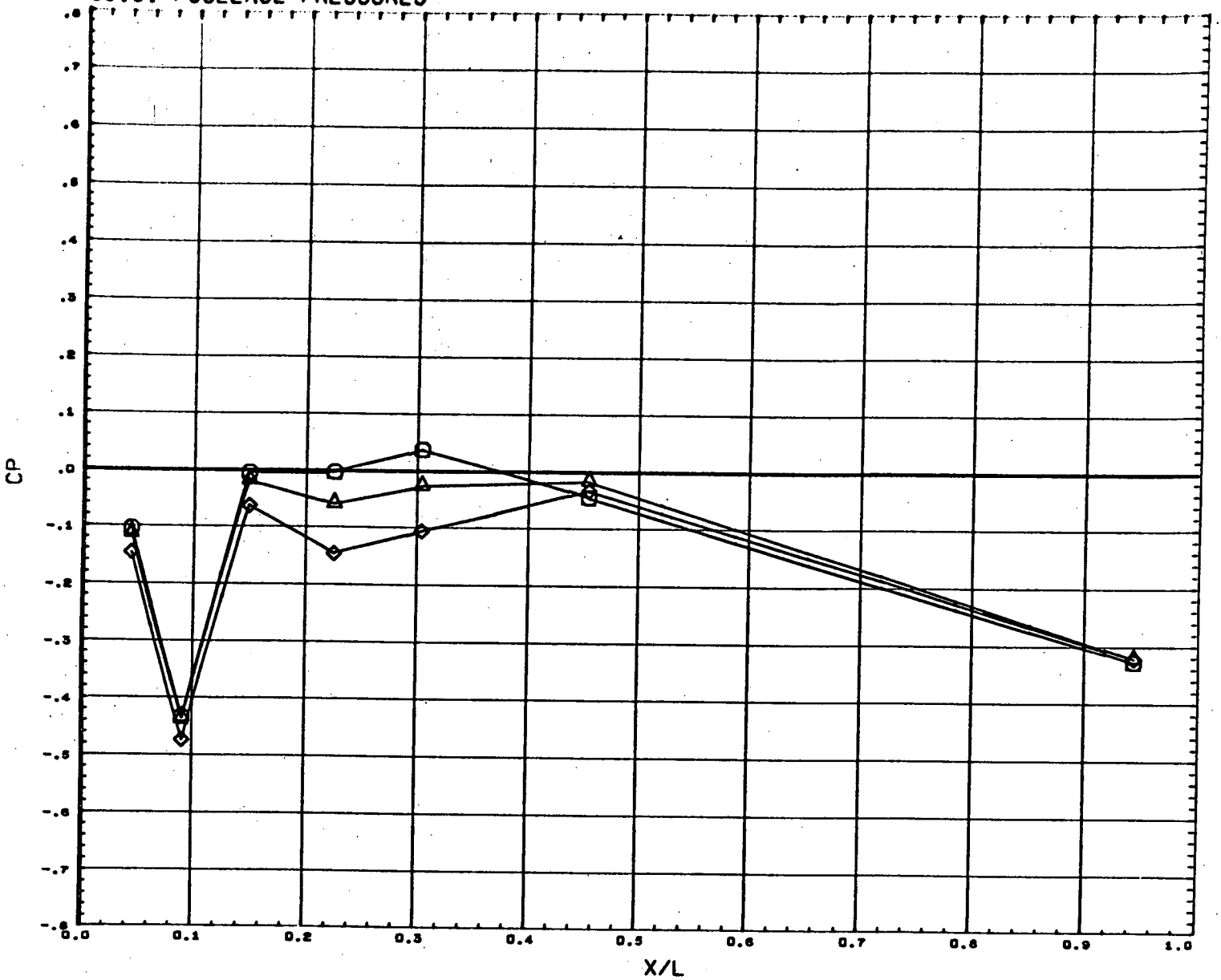
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.002
△	4.000		
◇	6.000		

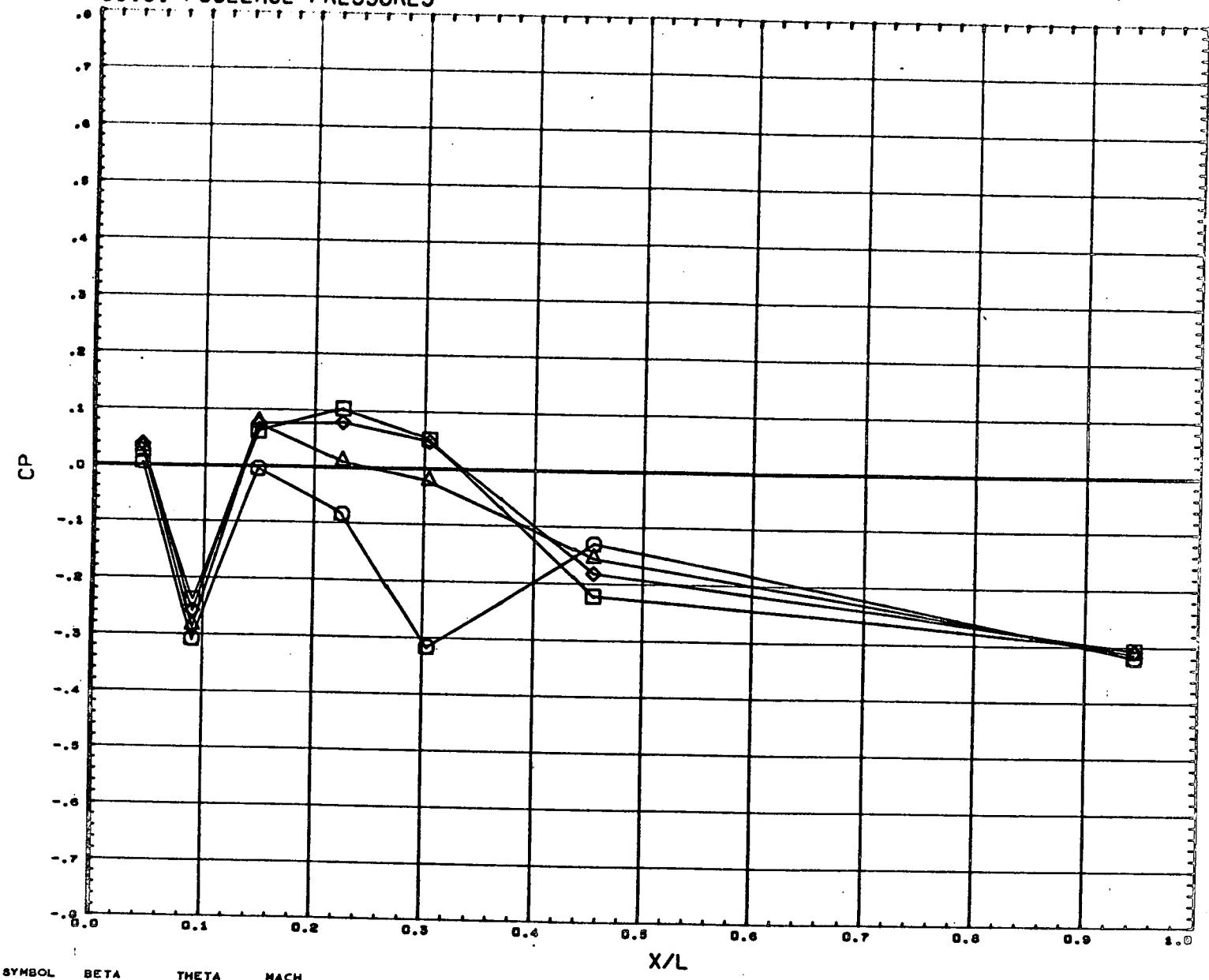
PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73002)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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△	4.000		
◇	2.000		
□	0.000		

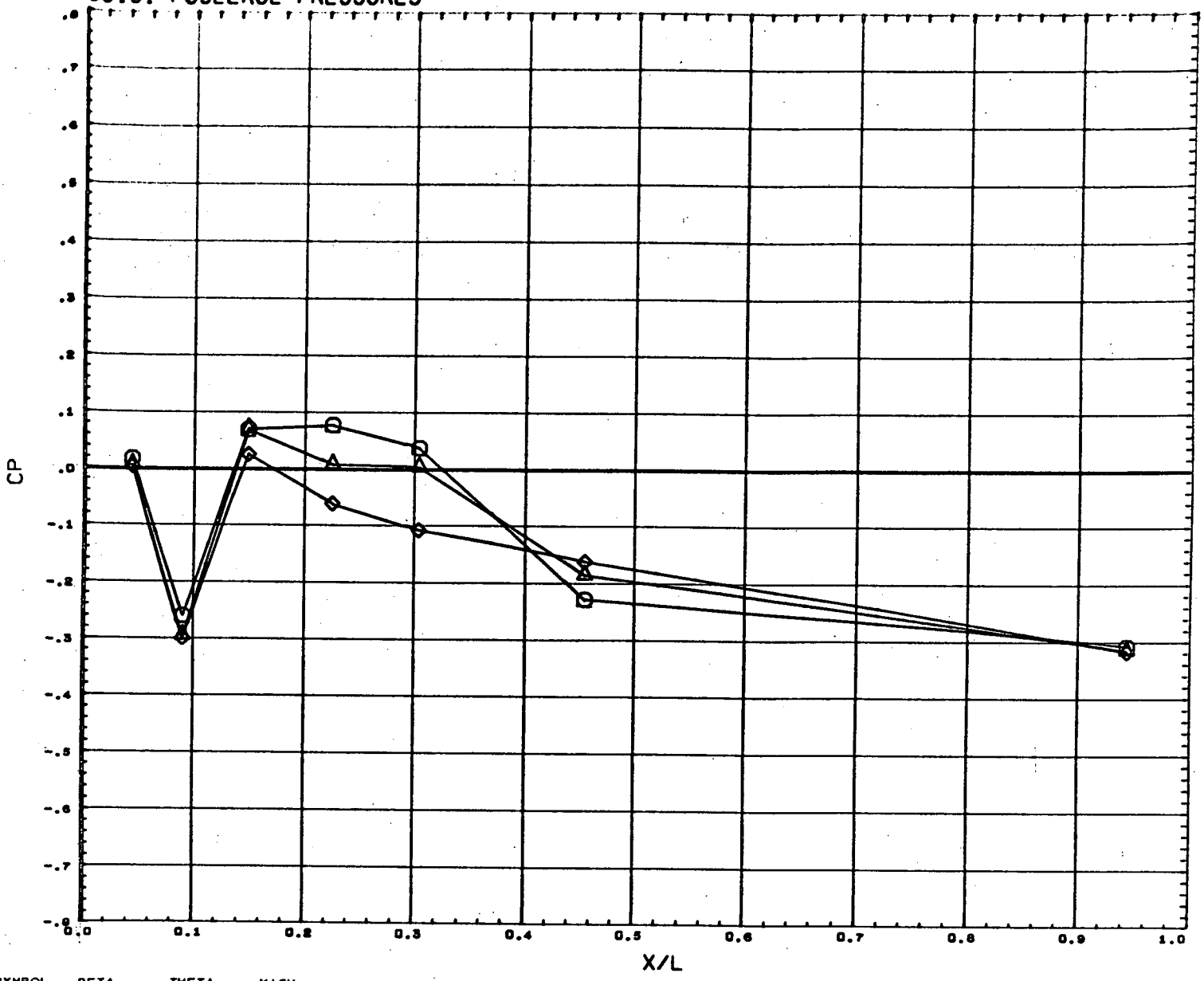
REFERENCE FILE

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.106
△	4.000		
◇	6.000		

PARAMETRIC VALUES

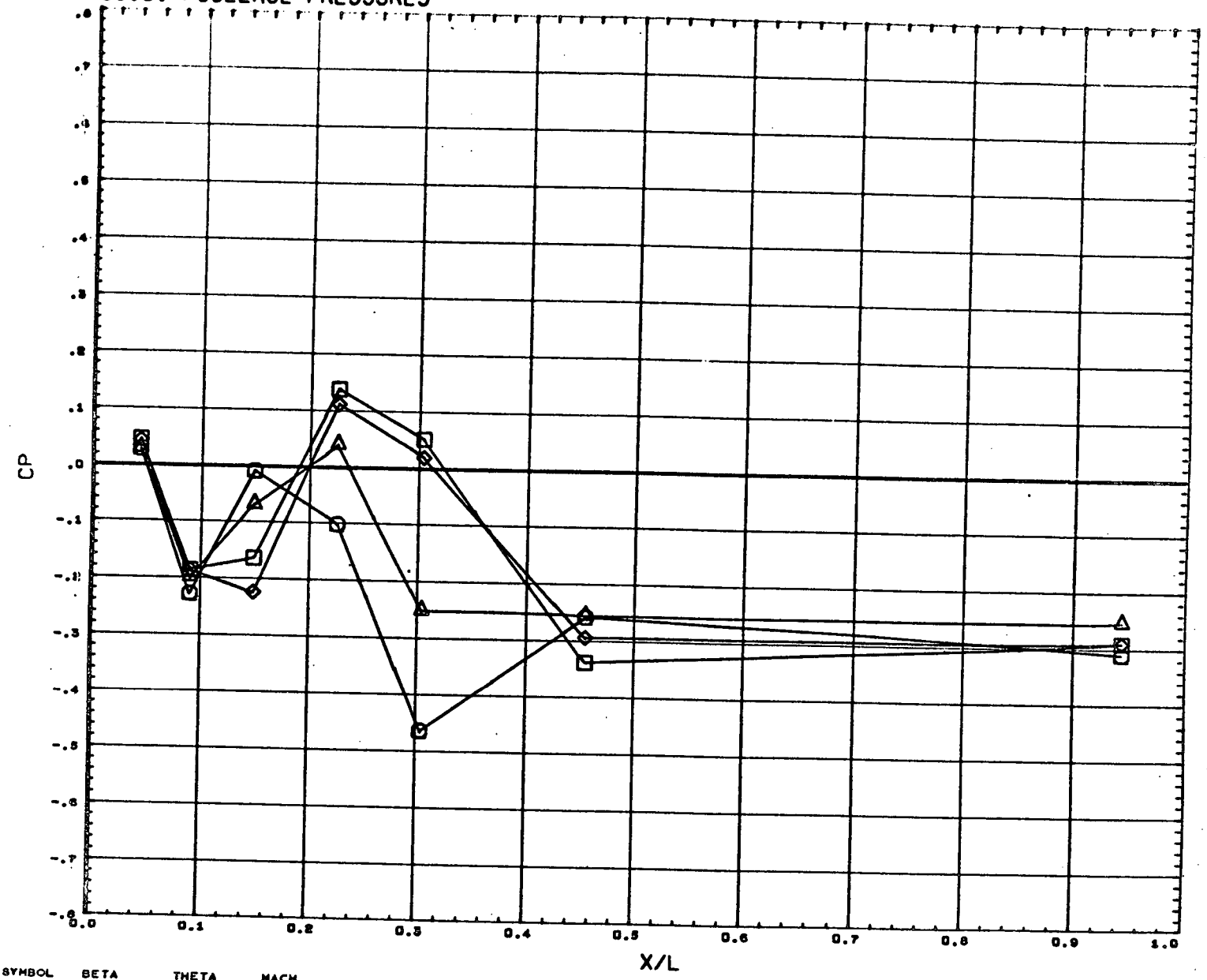
ALPHA	0.000	ORBINC	1.500
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73002)

E

T301S1 FUSELAGE PRESSURES



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△	- 4.000		
◇	- 2.000		
□	0.000		

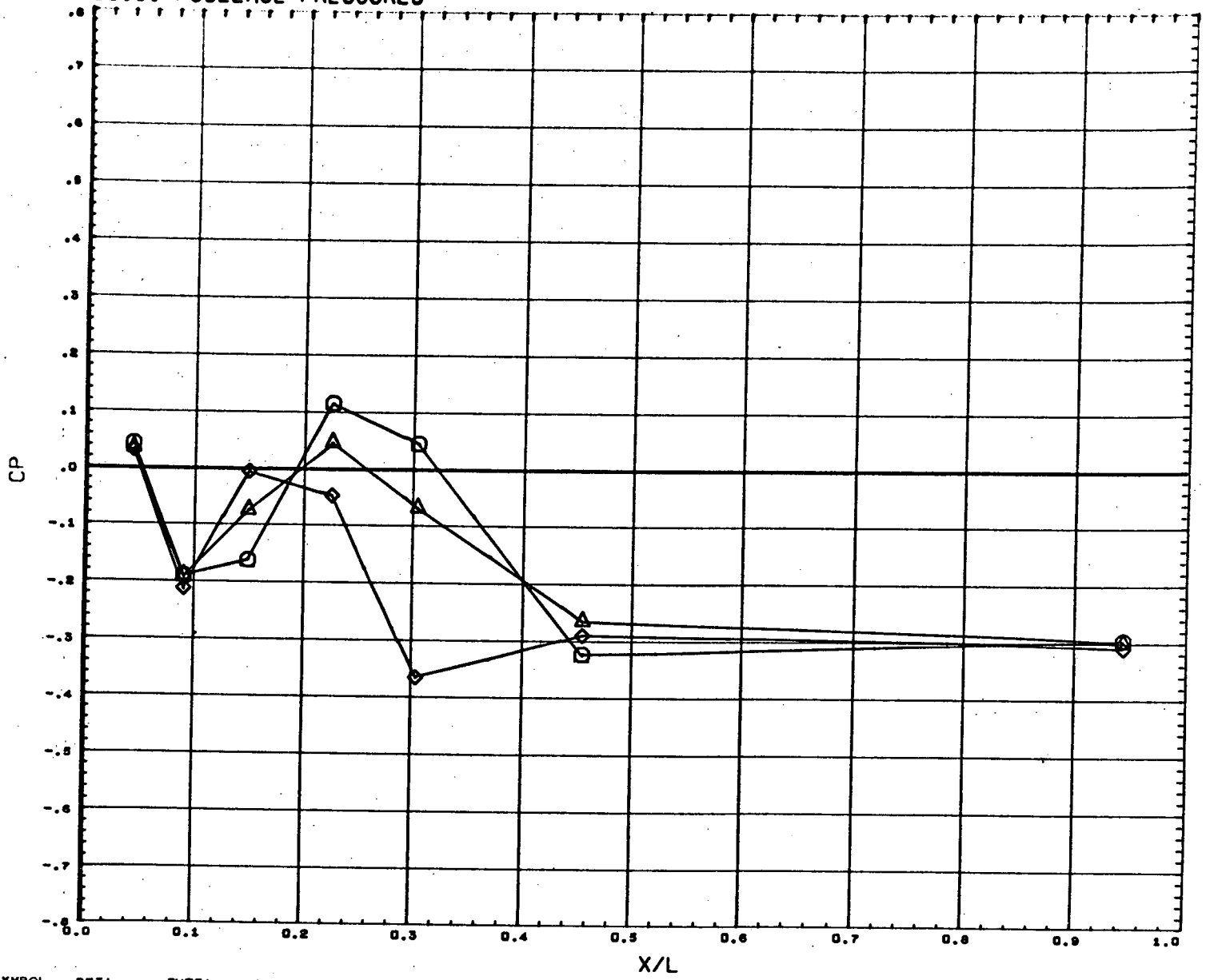
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.196
△	4.000		
◇	6.000		

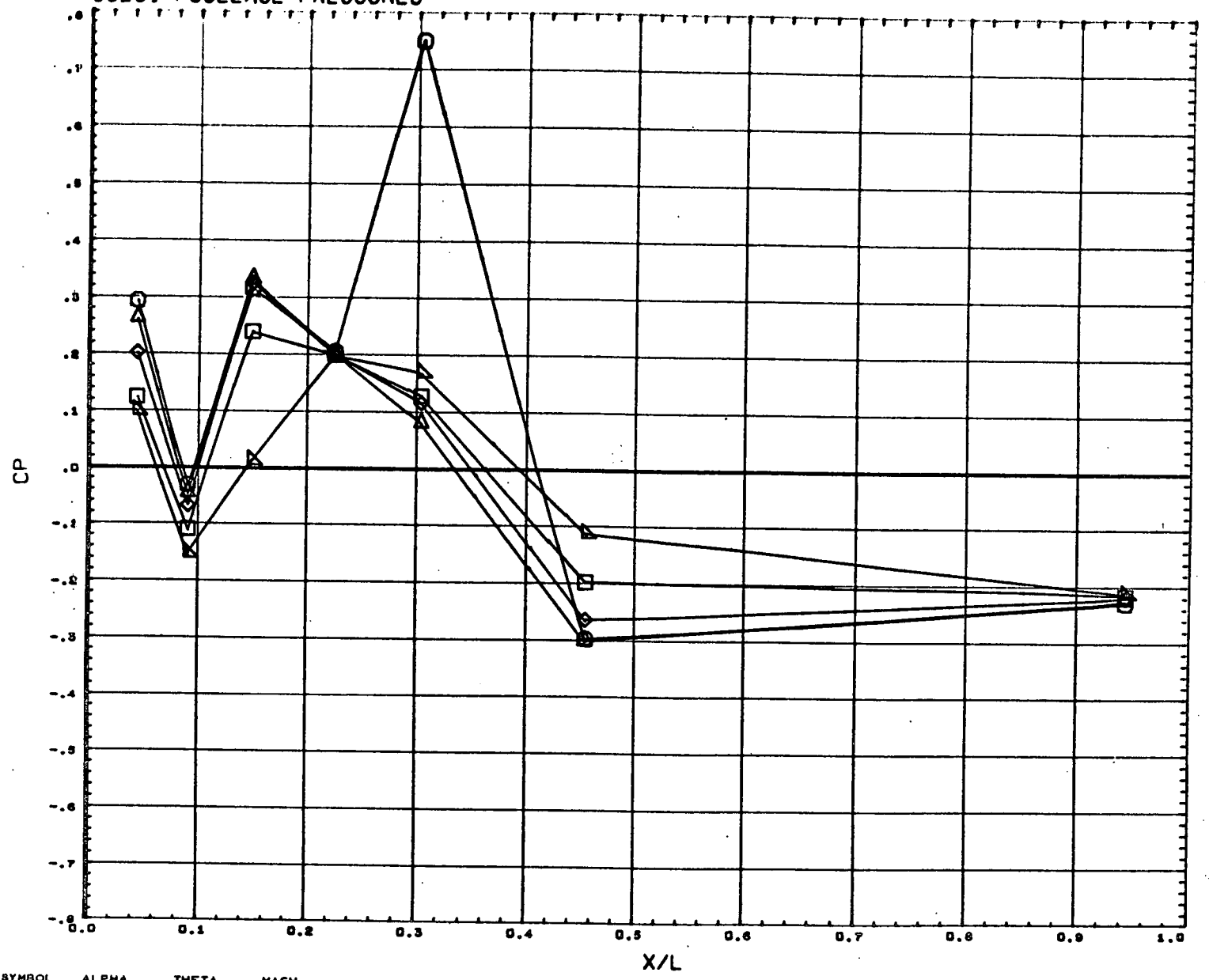
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73002)

T302S1 FUSELAGE PRESSURES



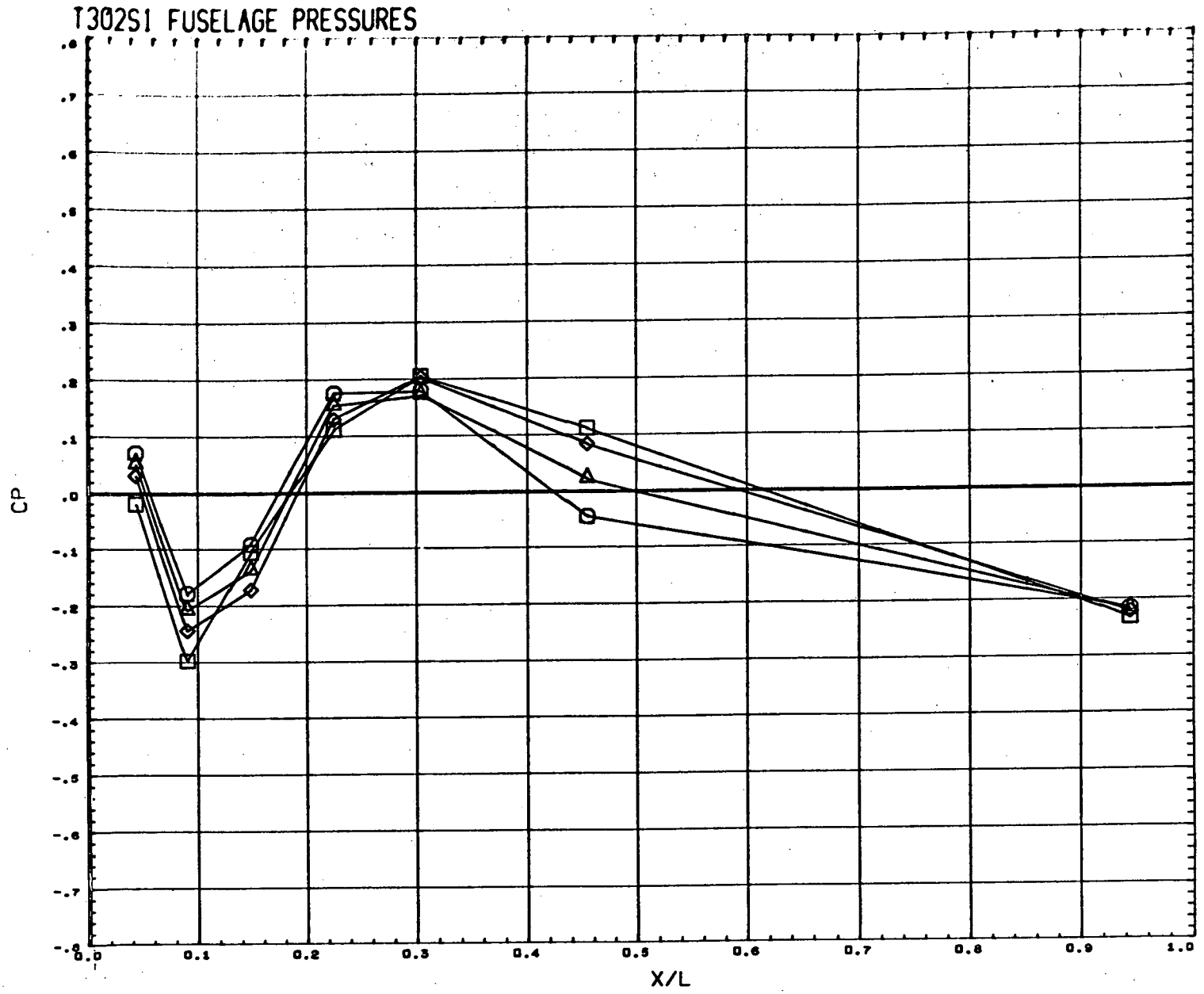
SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	1.203
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000



SYMBOL	ALPHA	THETA	MACH
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◇	6.000		
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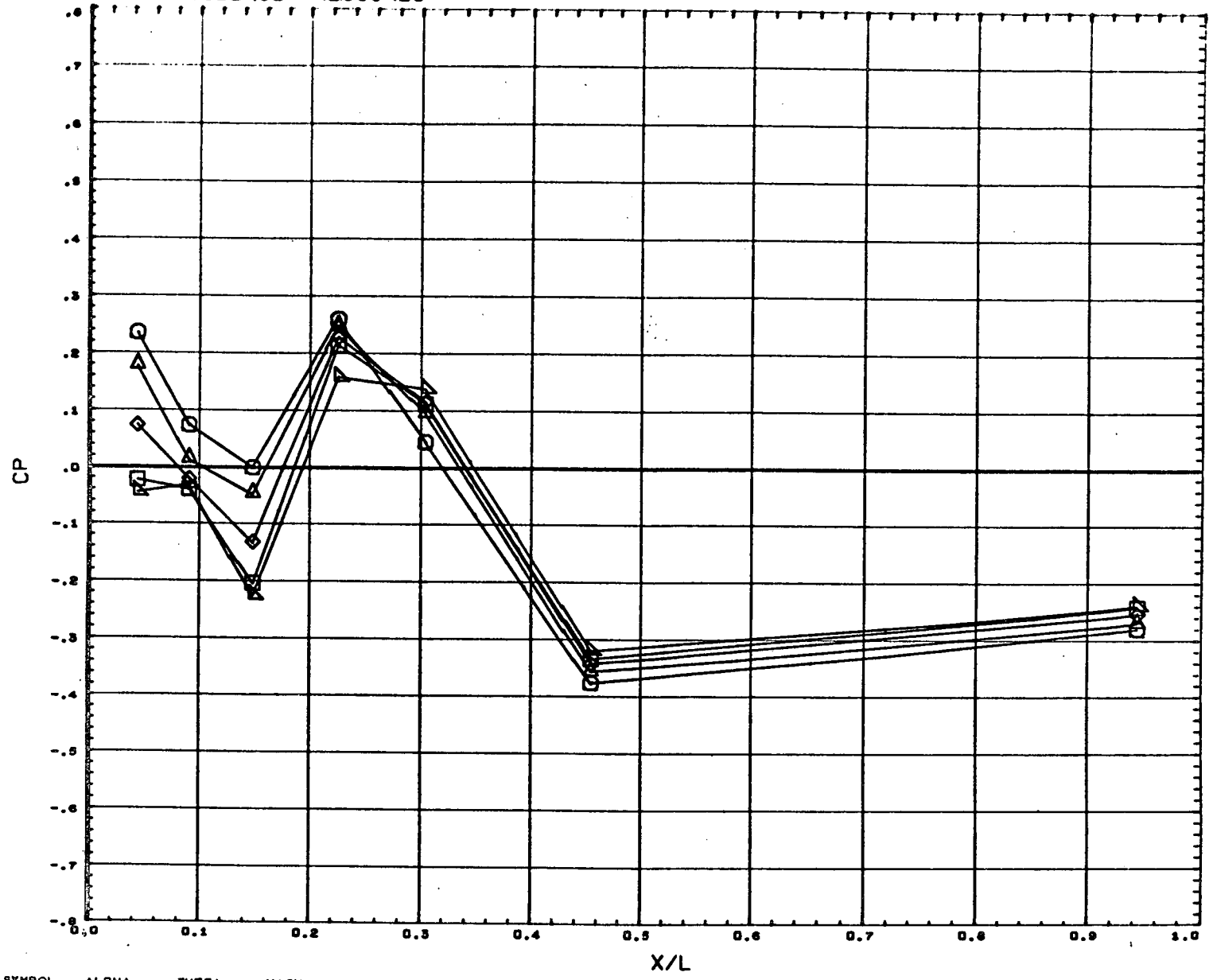
REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.463
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

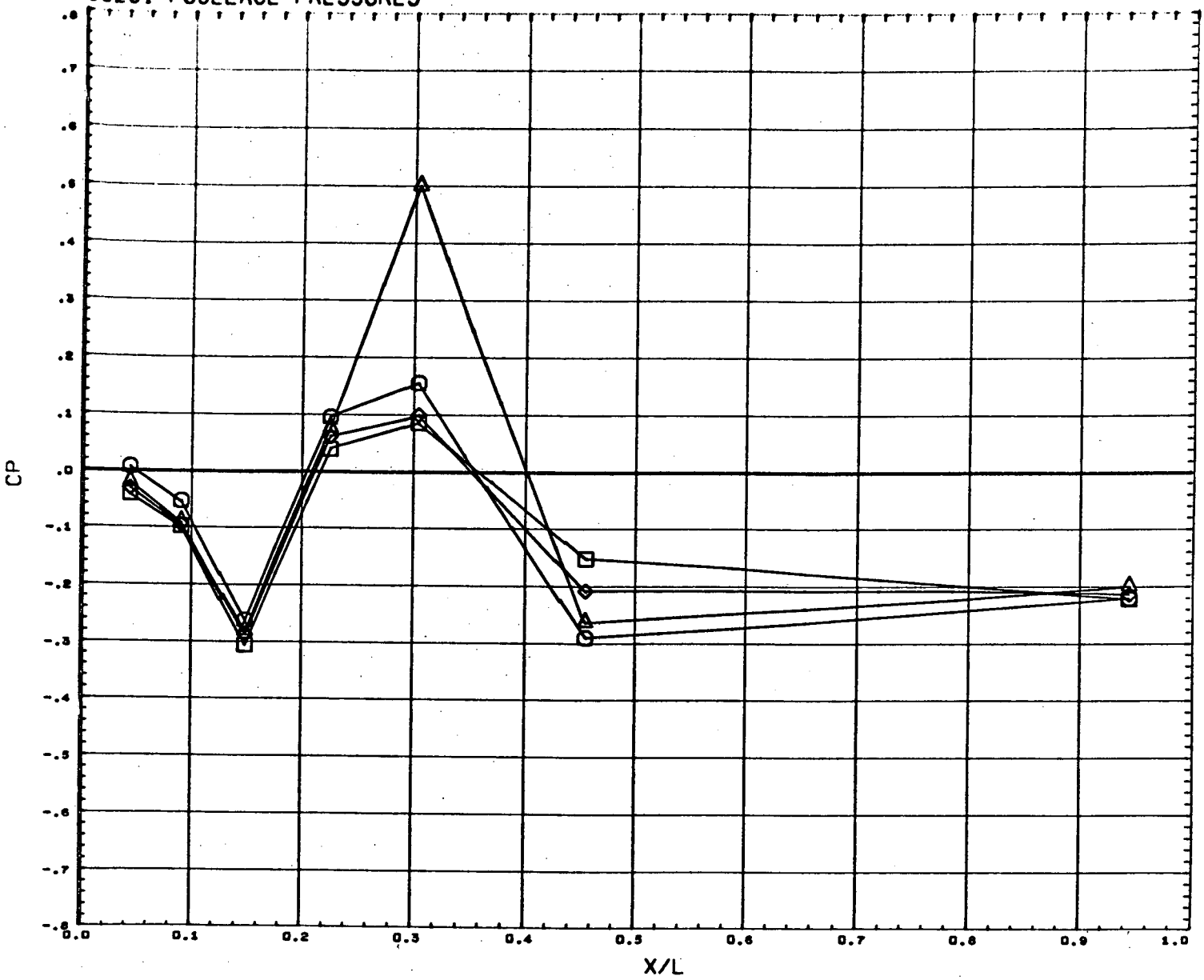
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.463
△	4.000		
◇	6.000		
□	8.000		

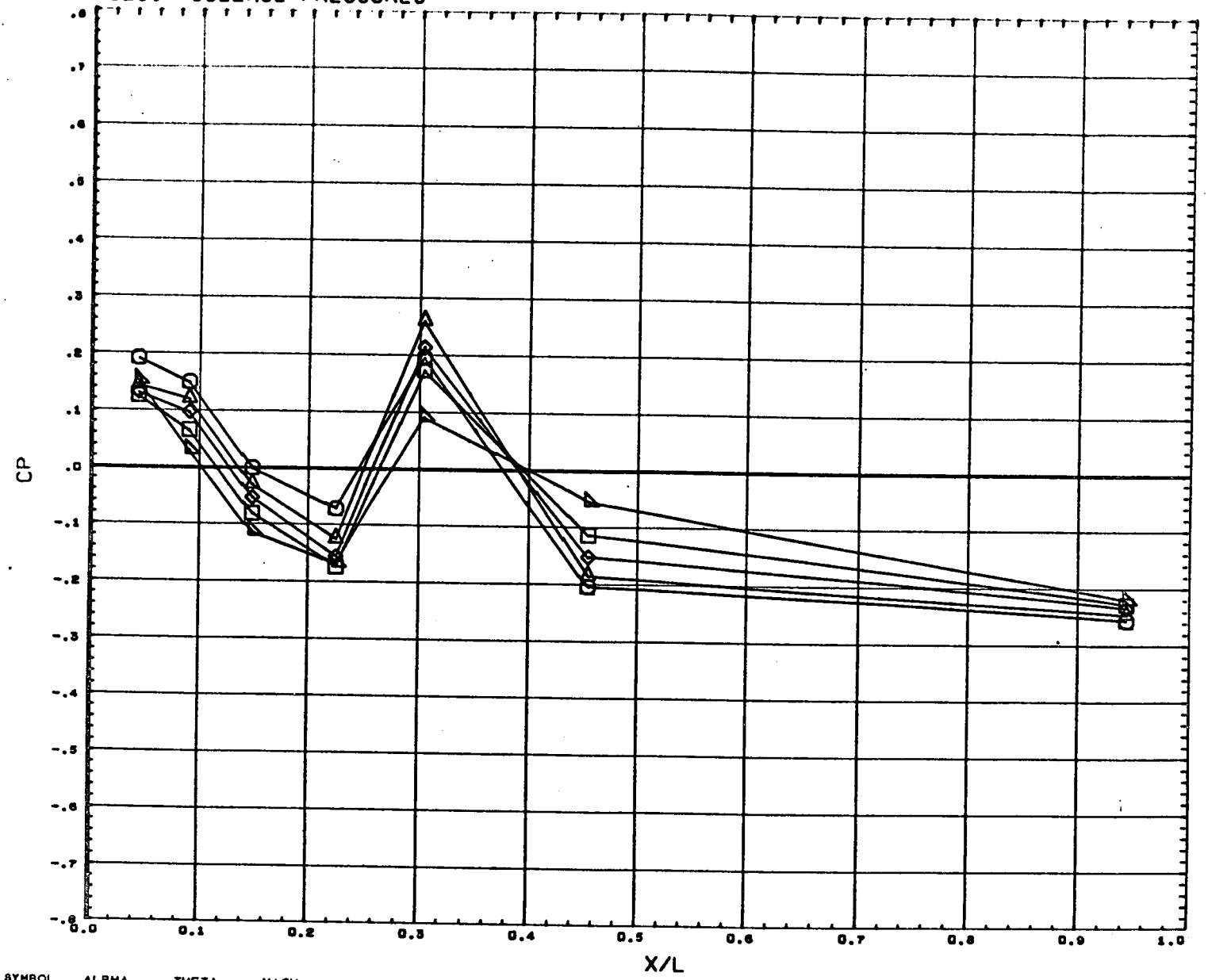
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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◇	4.000		
□	2.000		
◺	0.000		

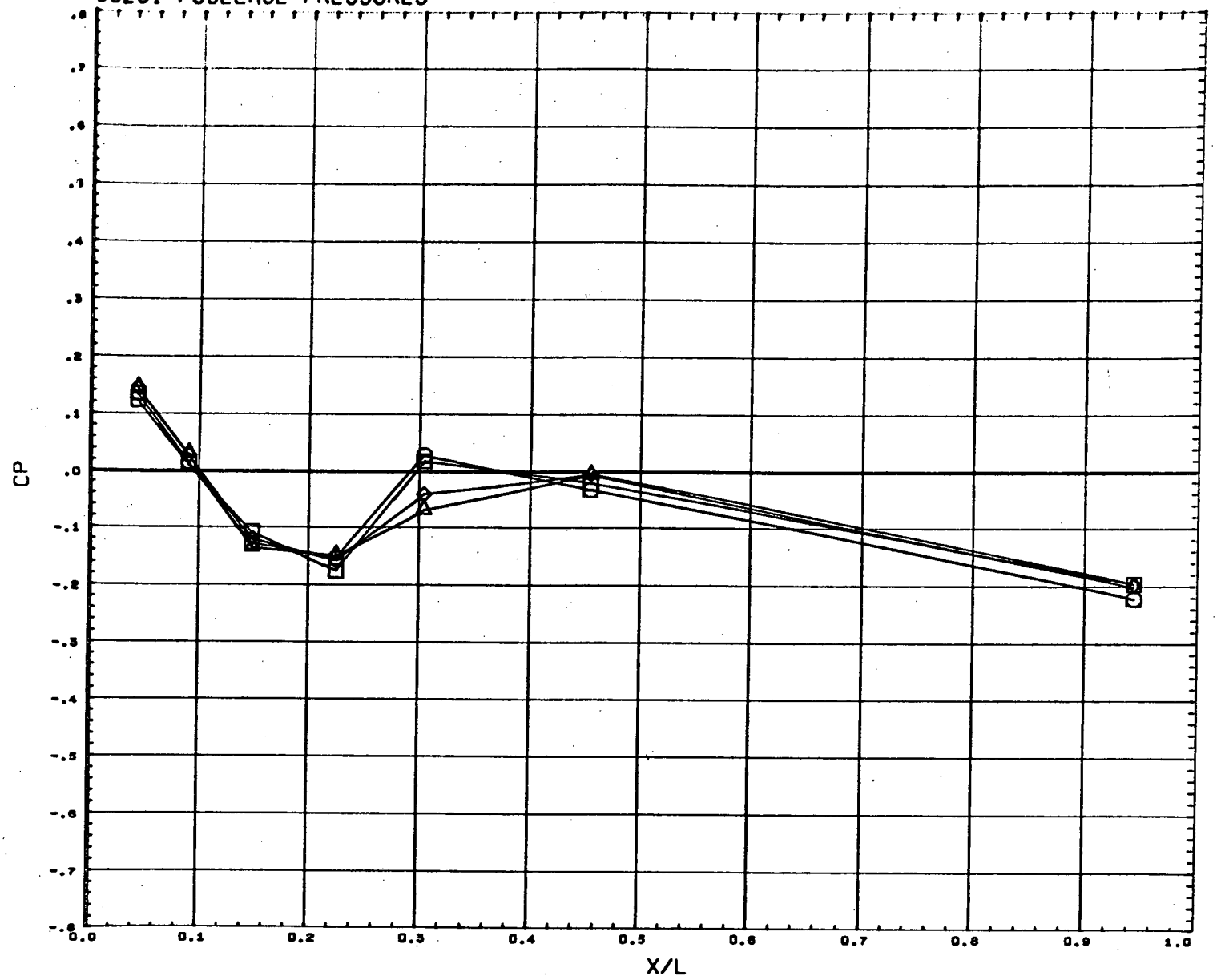
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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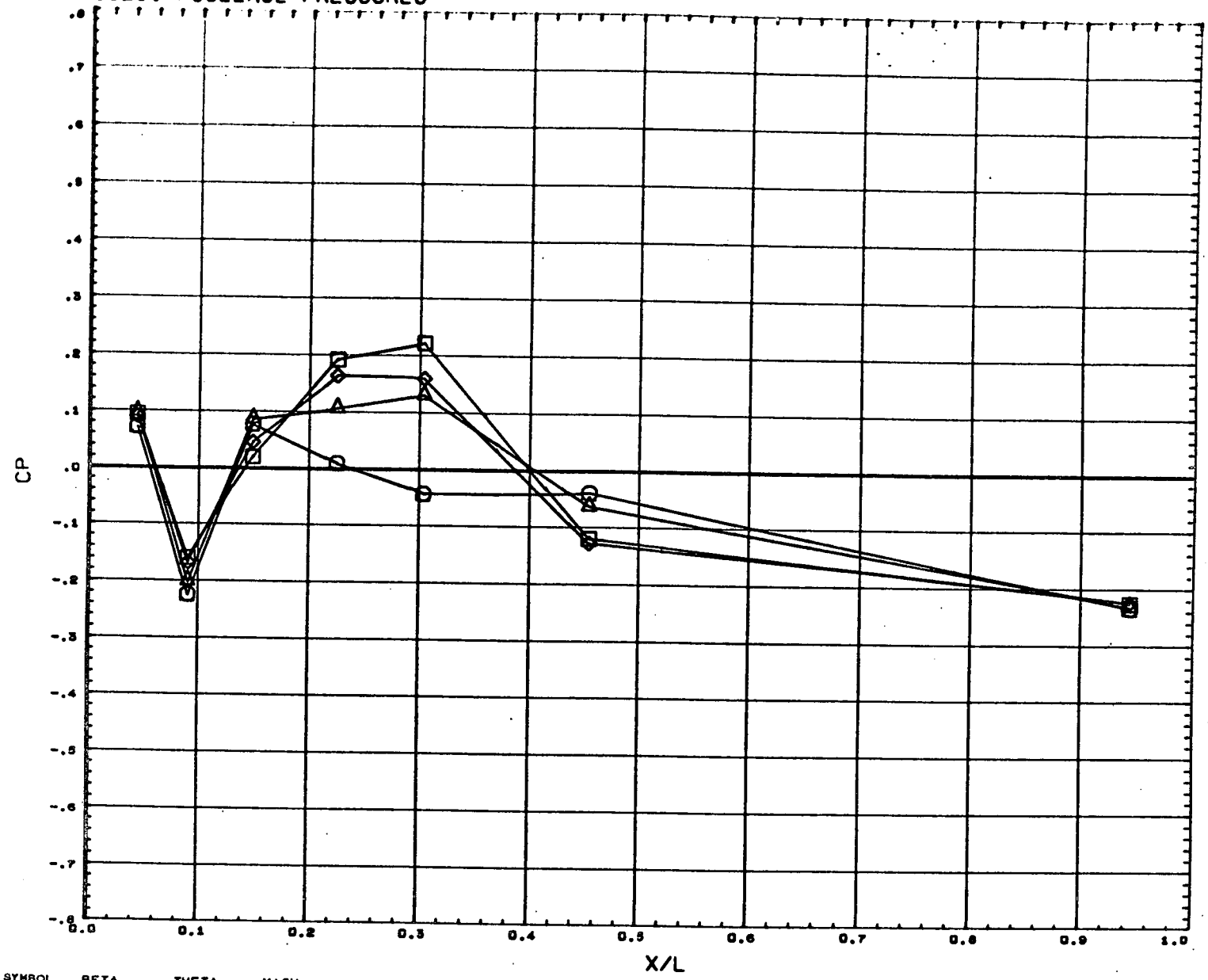
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	.0.000	ORBINC	- 1.500
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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△	- 4.000		
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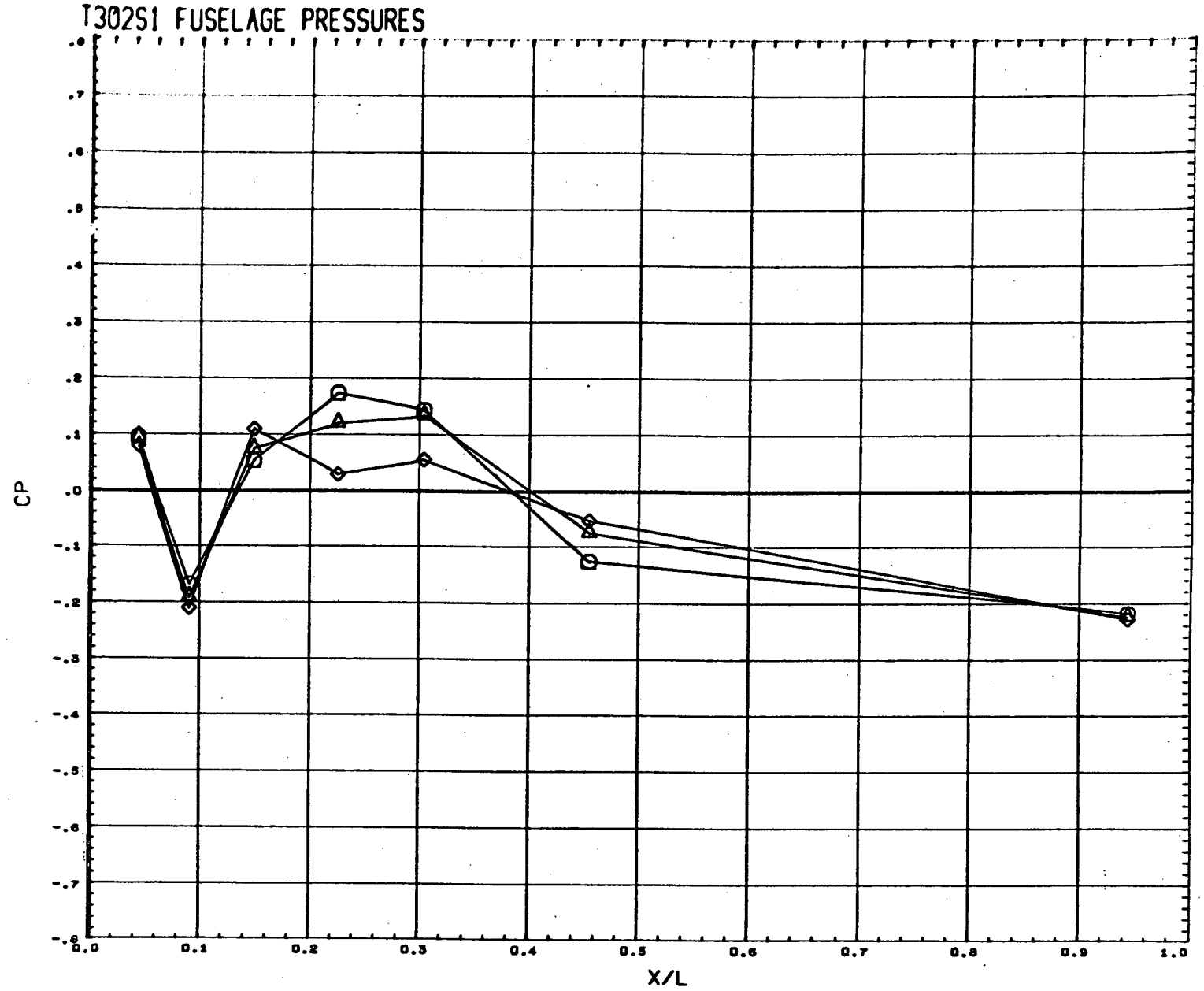
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		


T302S1 FUSELAGE PRESSURES
CP
X/L
.8
.7
.6
.5
.4
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.1
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-.1
-.2
-.3
-.4
-.5
-.6
-.7
-.8
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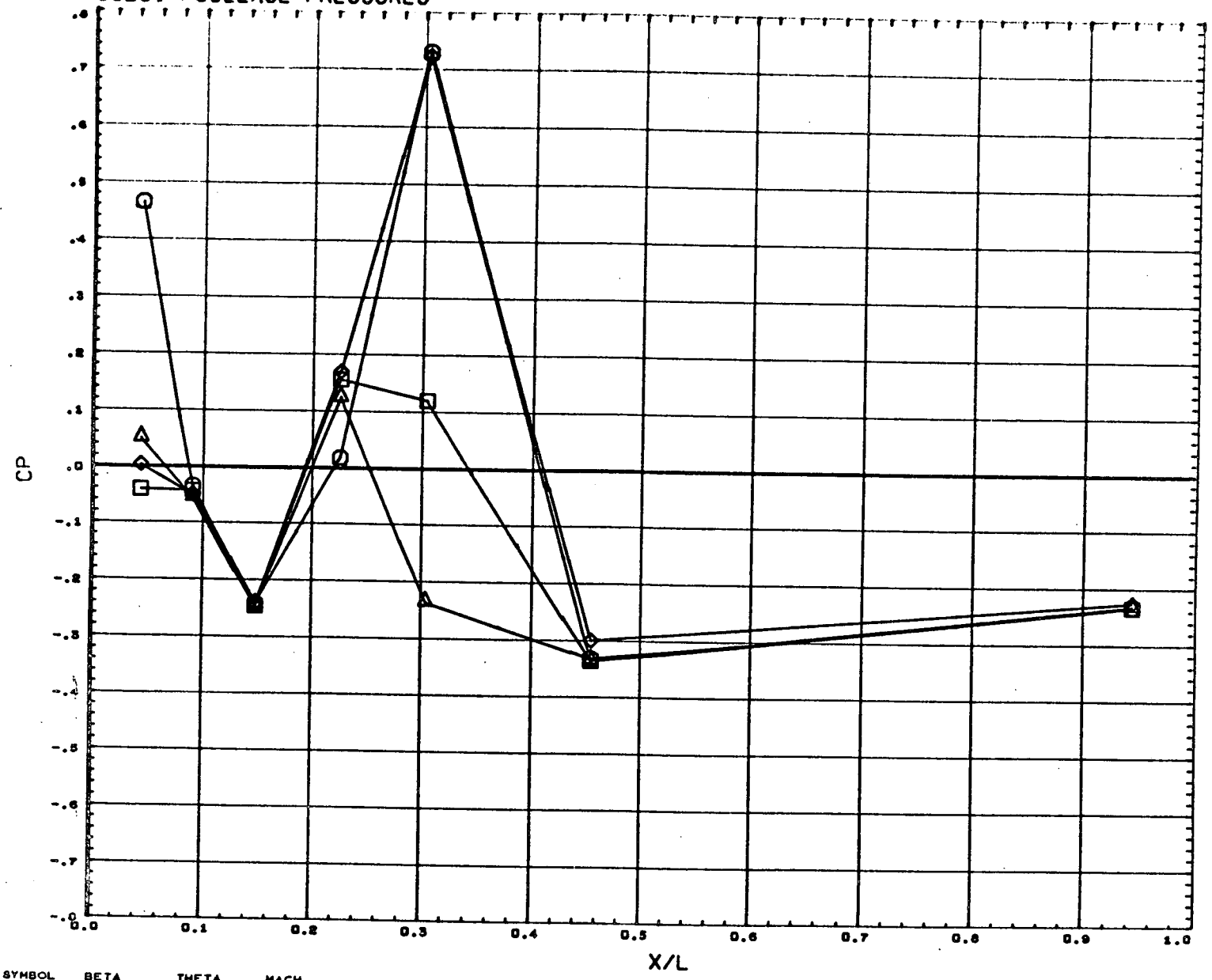
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
SYMBOL BETA THETA MACH
2.000 0.000 1.195
4.000
6.000
PARAMETRIC VALUES
ALPHA 0.000 ORBINC - 1.500
PHIS 75.000
REFERENCE FILE

T302S1 FUSELAGE PRESSURES



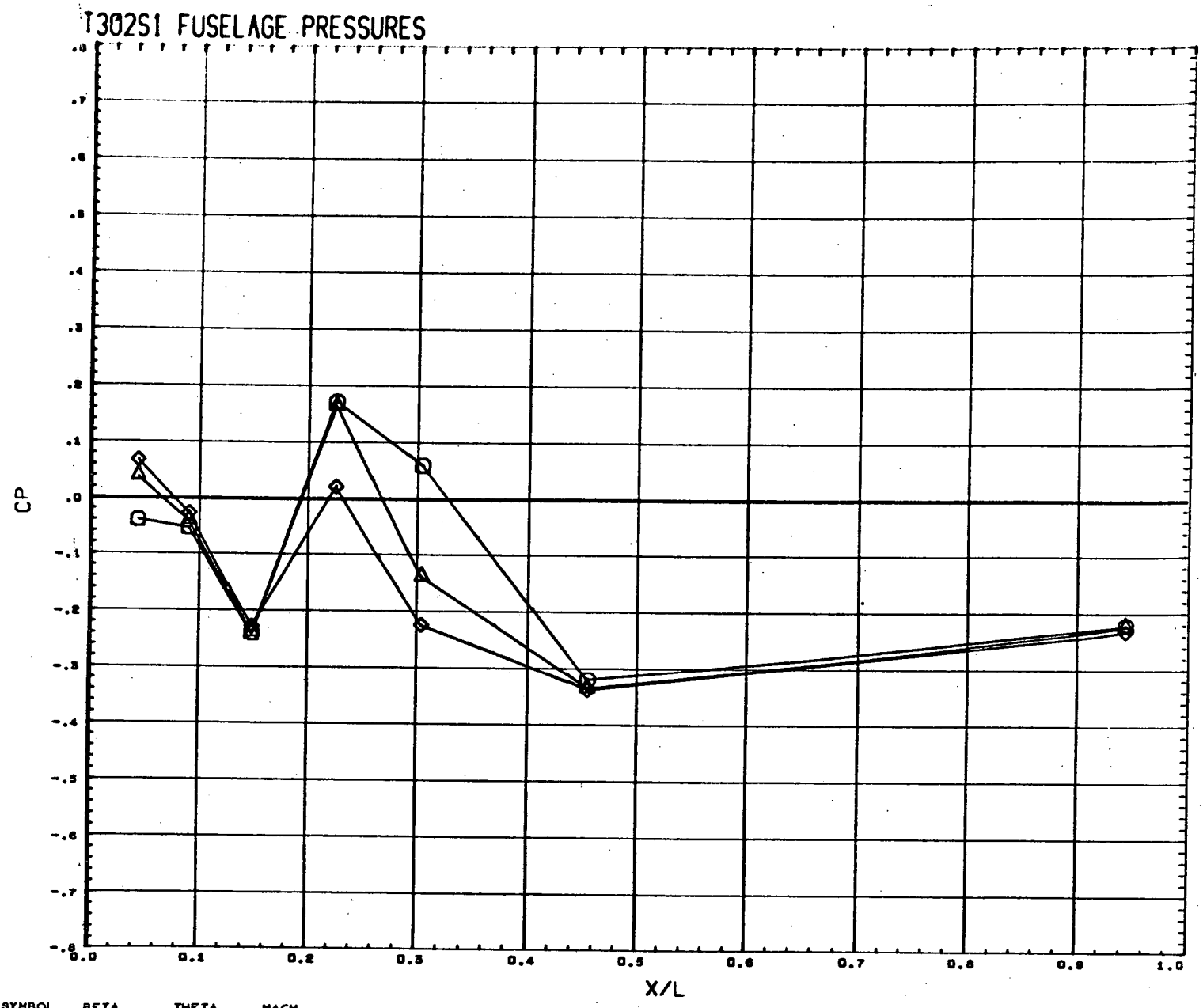
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.457
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

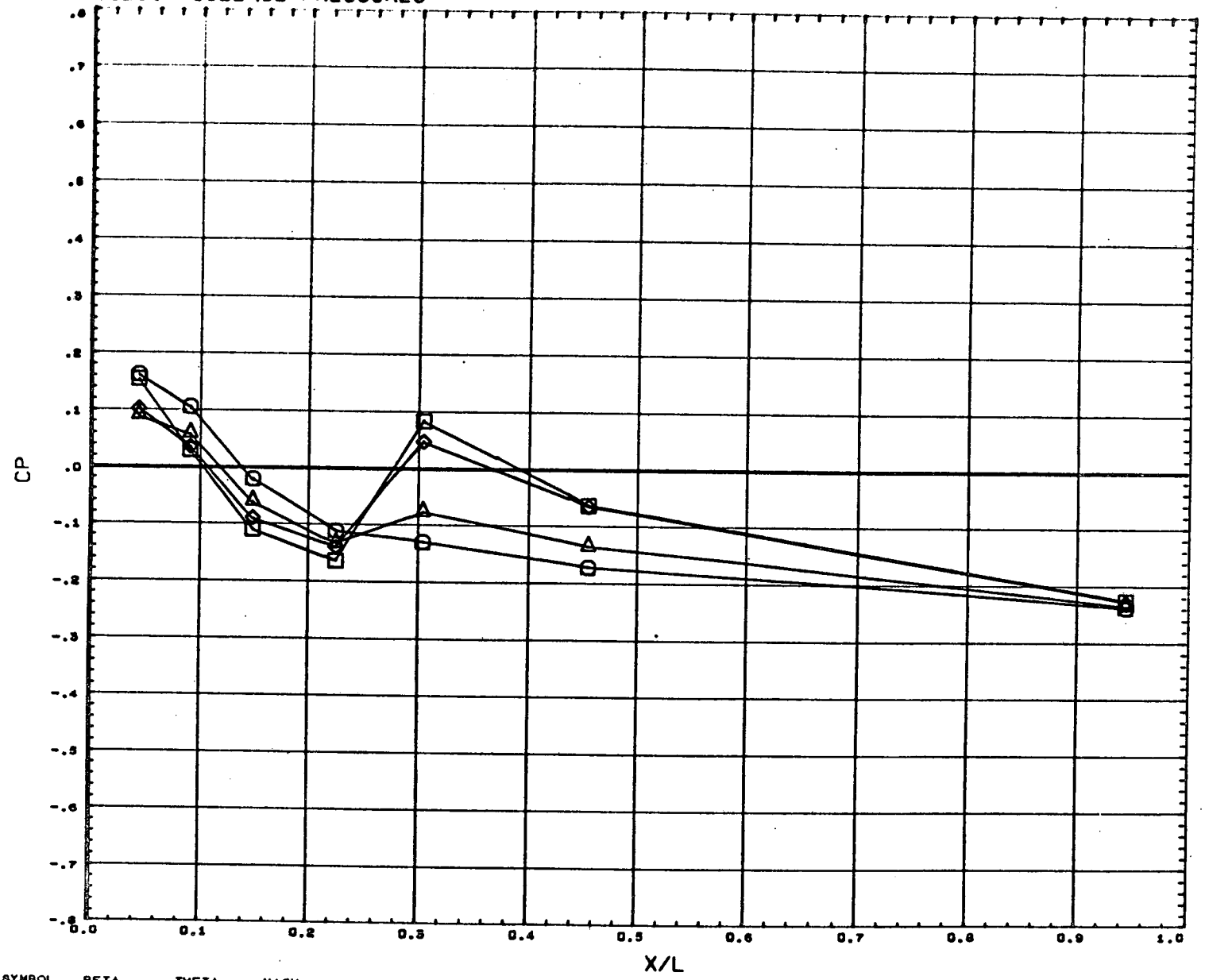
ALPHA	0.000	ORBINC	1.500
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73004)


T302S1 FUSELAGE PRESSURES
CP
X/L
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
SYMBOL BETA THETA MACH
2.000 0.000 1.457
4.000
6.000
PARAMETRIC VALUES
ALPHA 0.000 ORBINC - 1.500
PHIS 75.000
REFERENCE FILE

T302S1 FUSELAGE PRESSURES



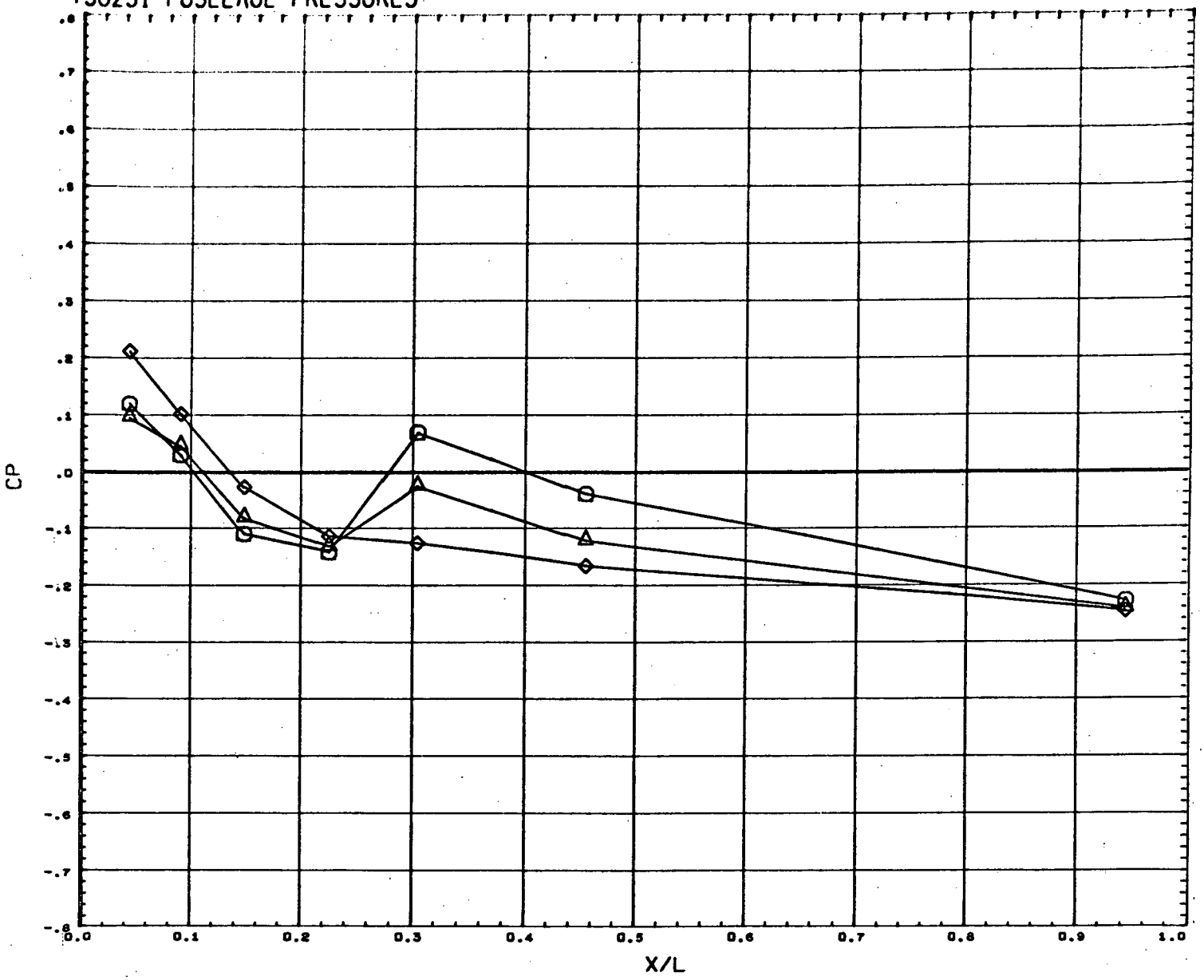
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



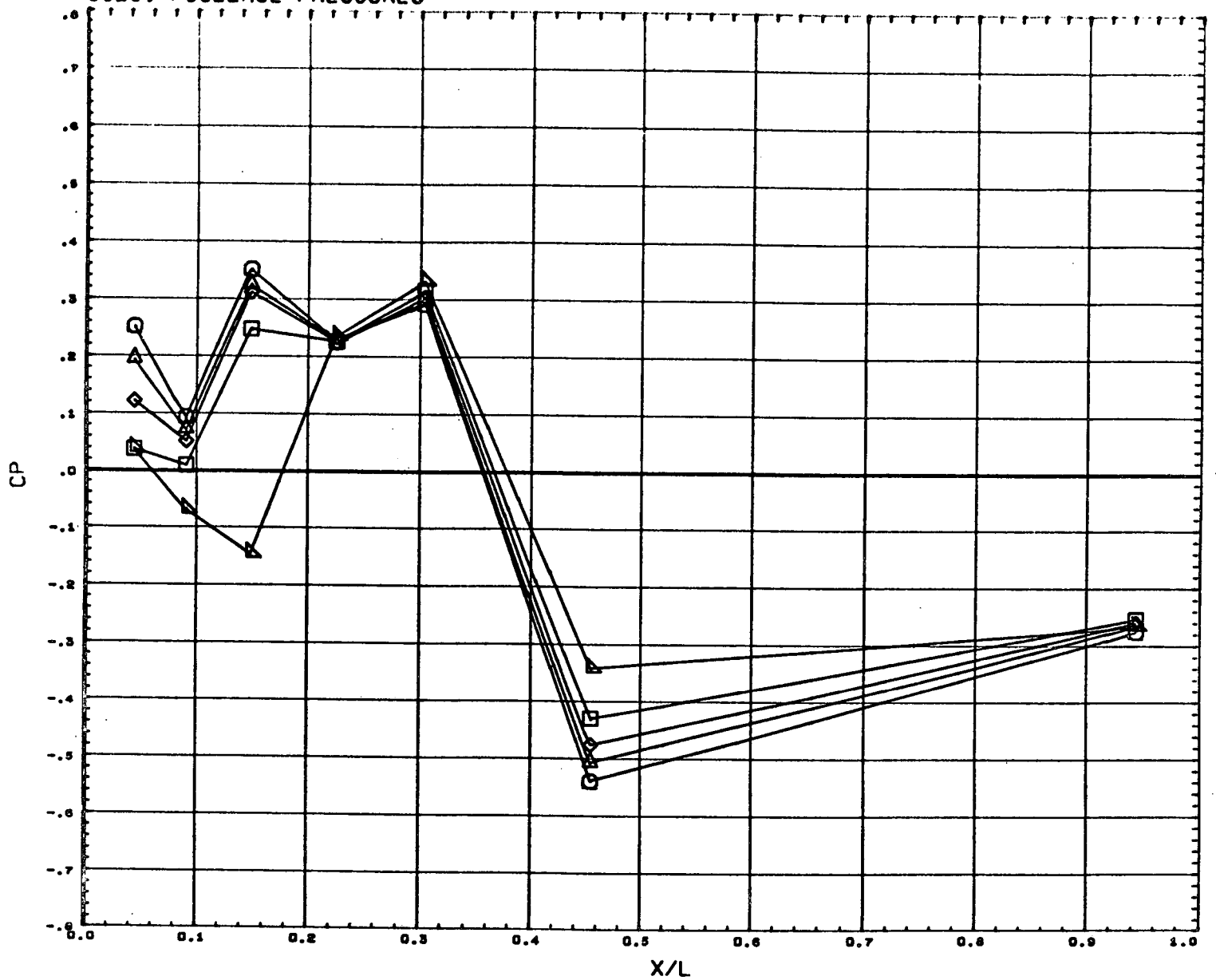
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



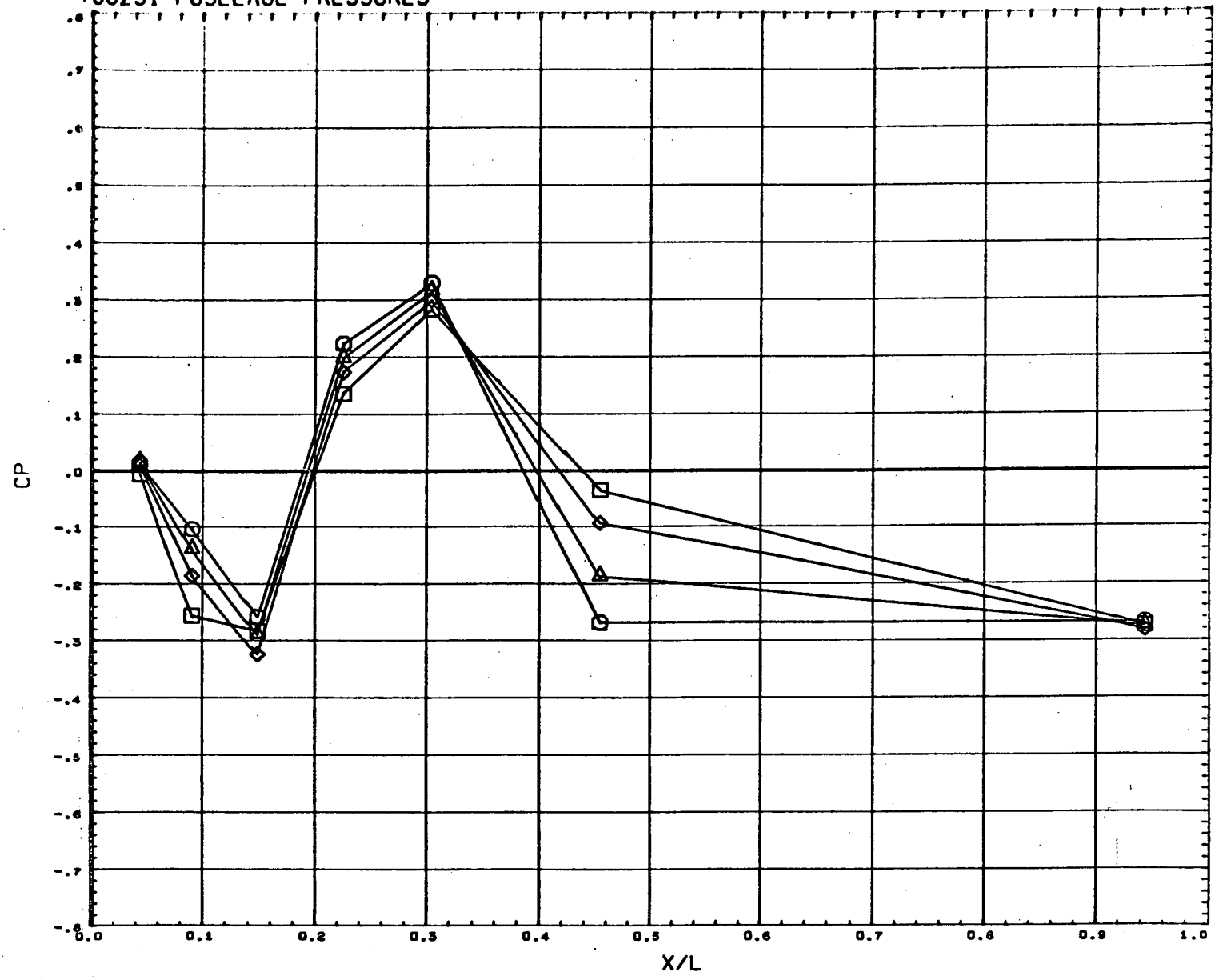
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.195
△	6.000		
◇	4.000		
□	2.000		
↖	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.195
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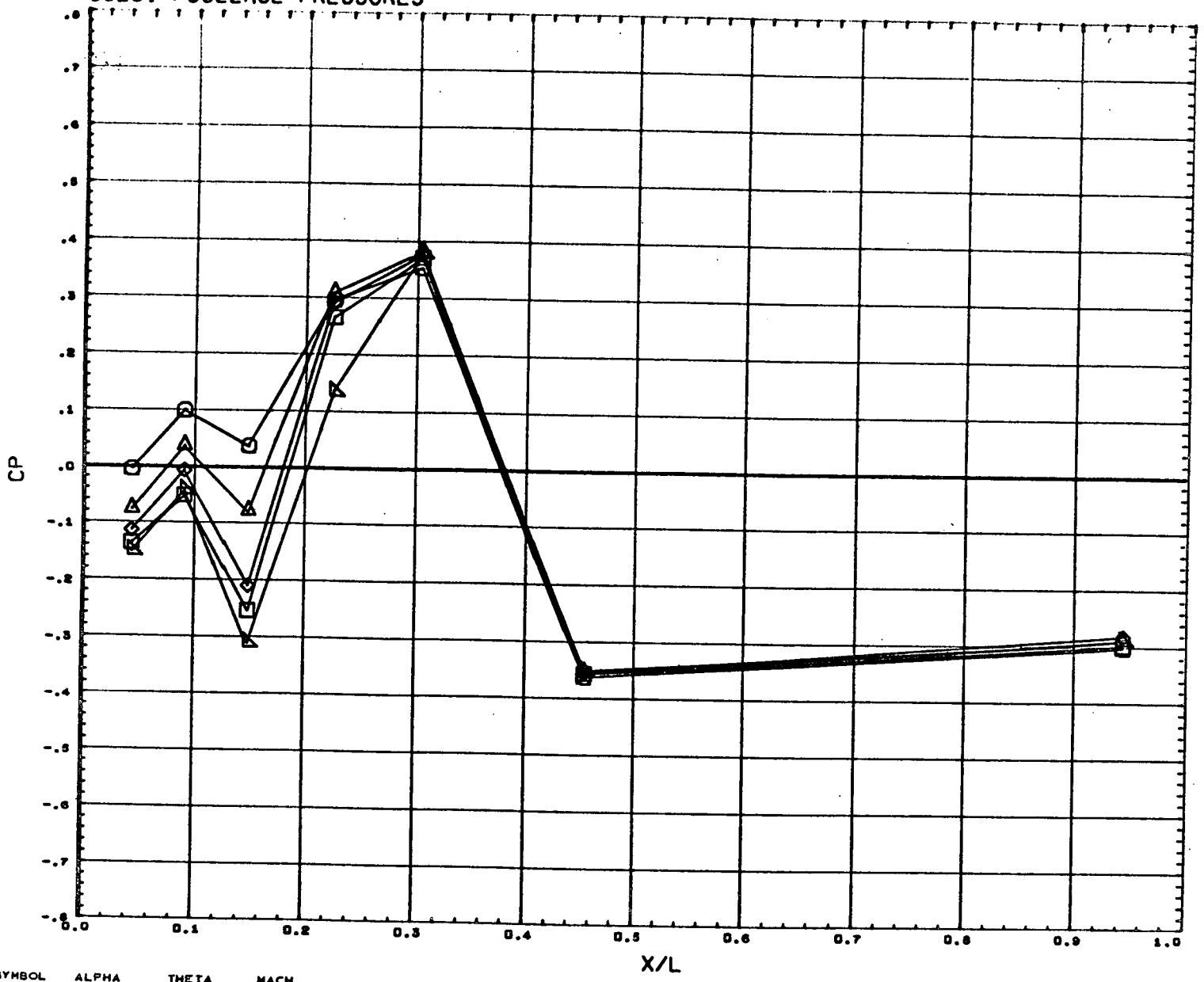
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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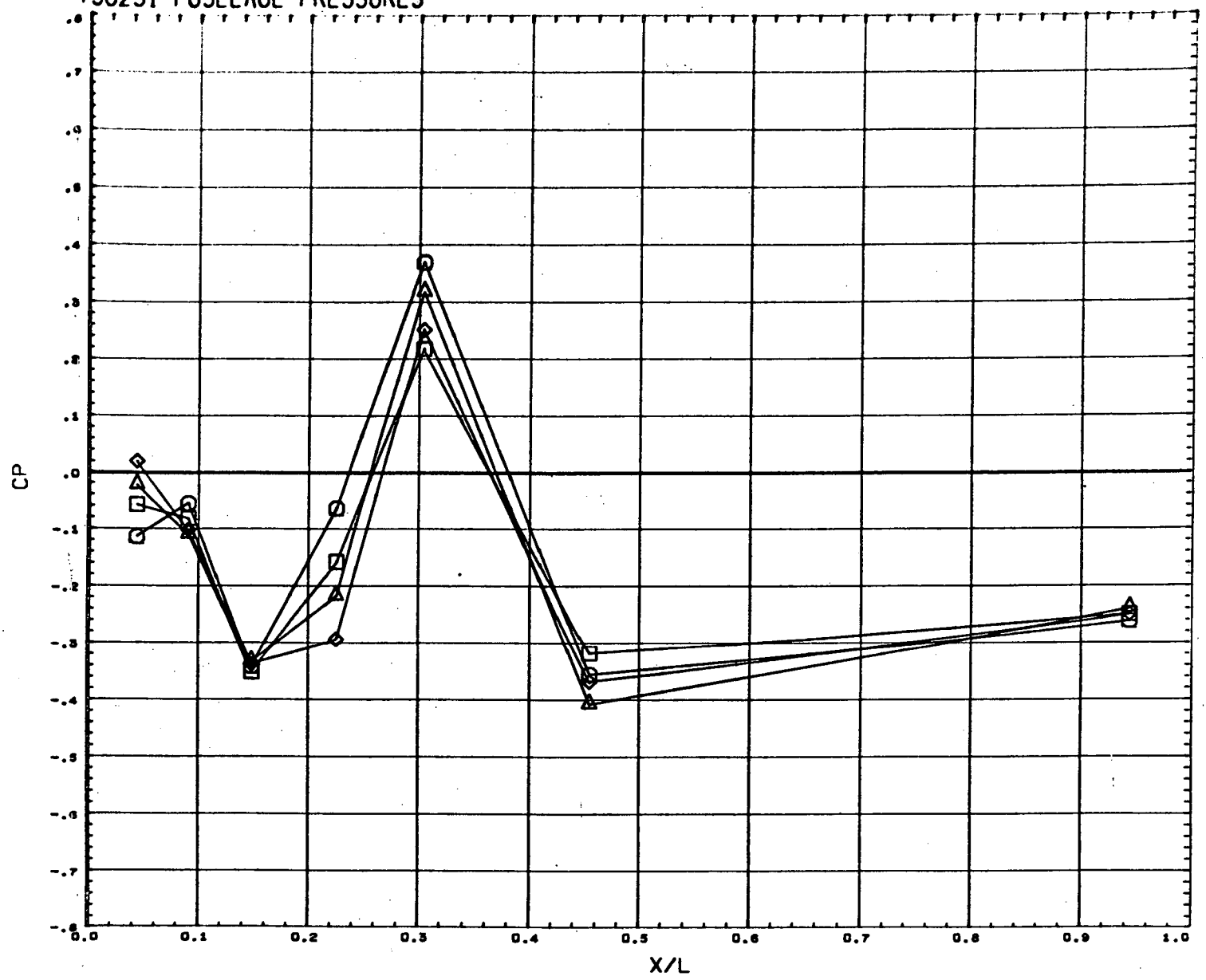
◇	4.000		
□	2.000		
↗	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.464
△	4.000		
◇	6.000		
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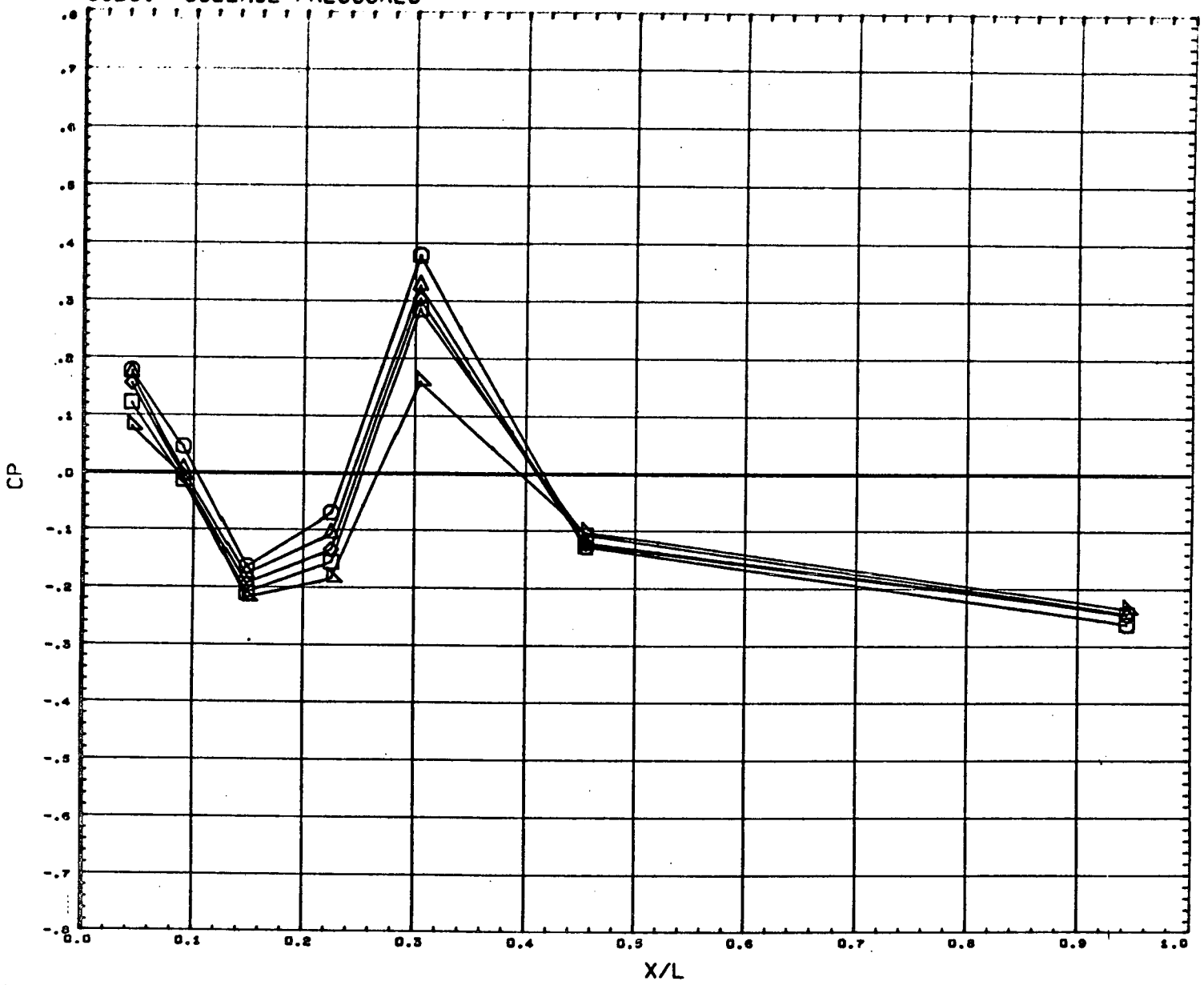
PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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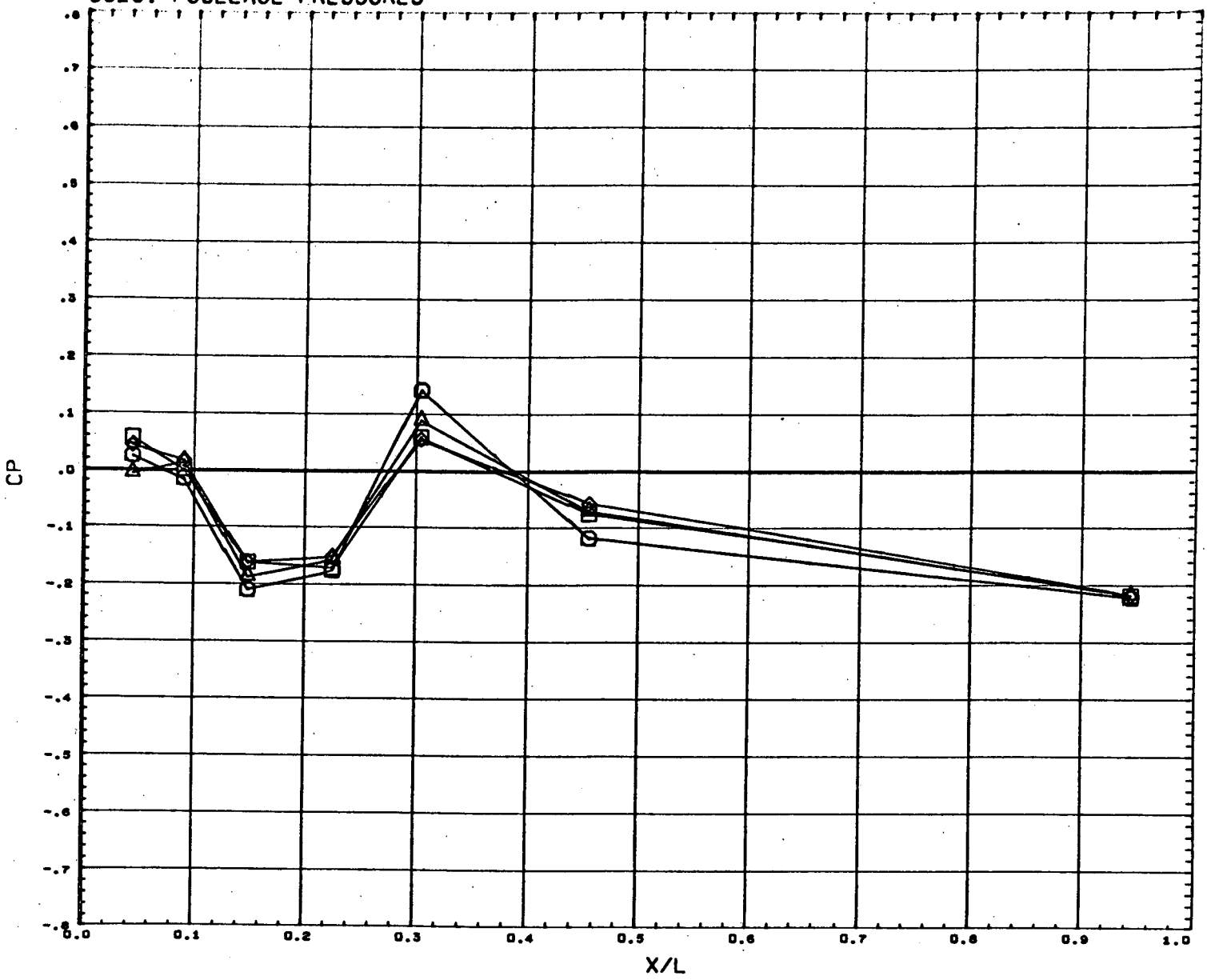
□	2.000		
↖	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.952
△	4.000		
◇	6.000		
□	8.000		

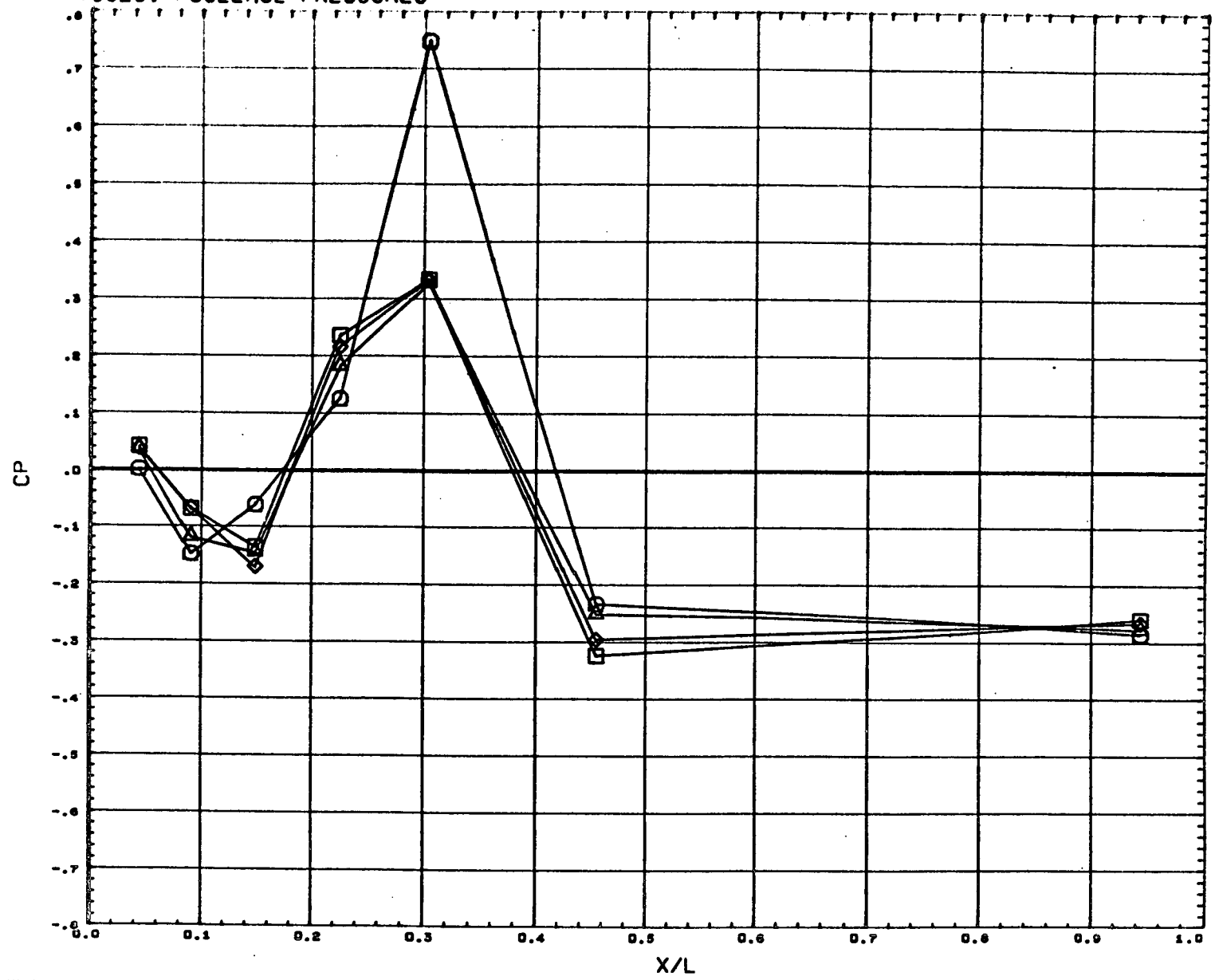
PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73005)

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.196
△	4.000		
◇	2.000		
□	0.000		

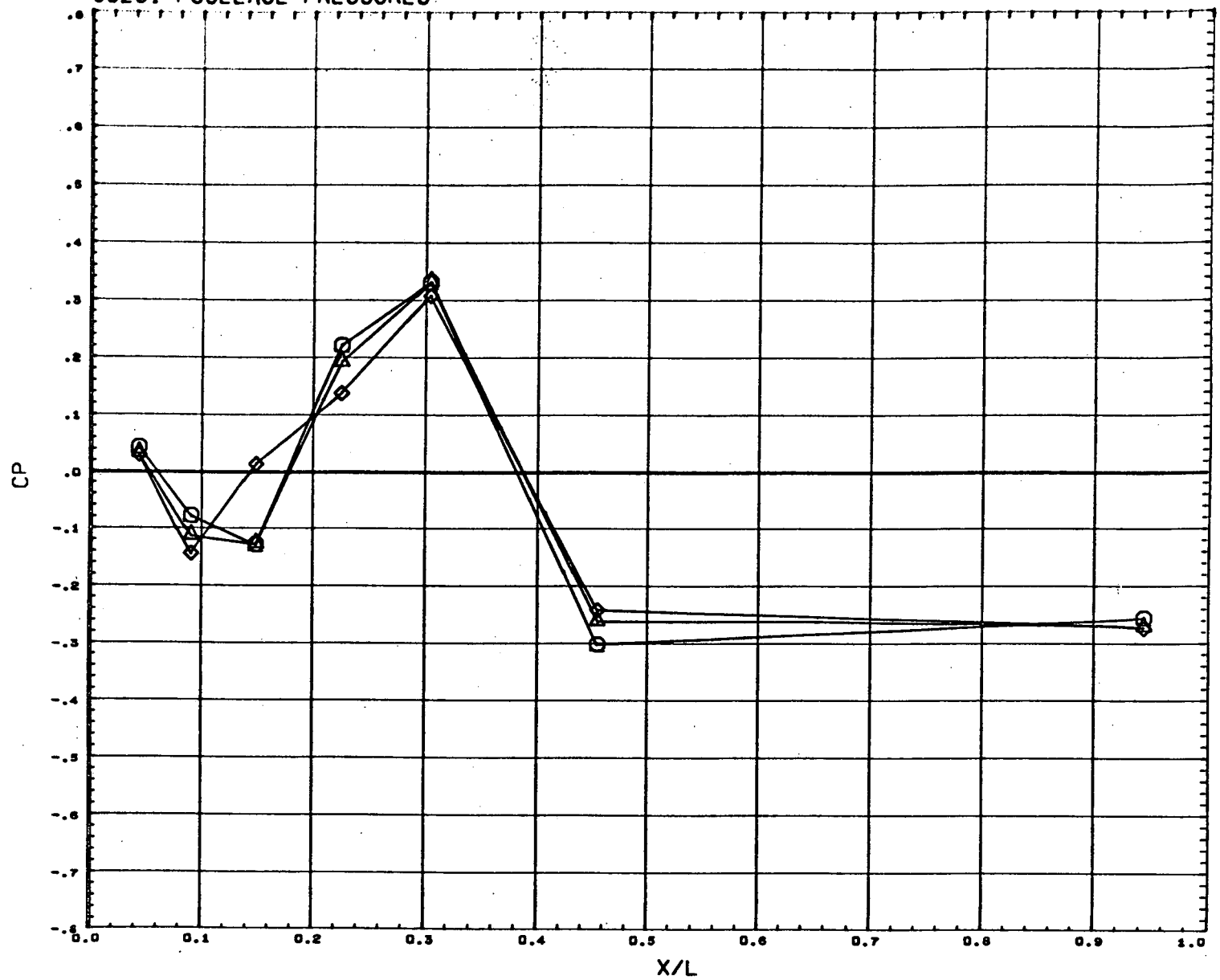
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73006)

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.196
△	4.000		
◇	6.000		

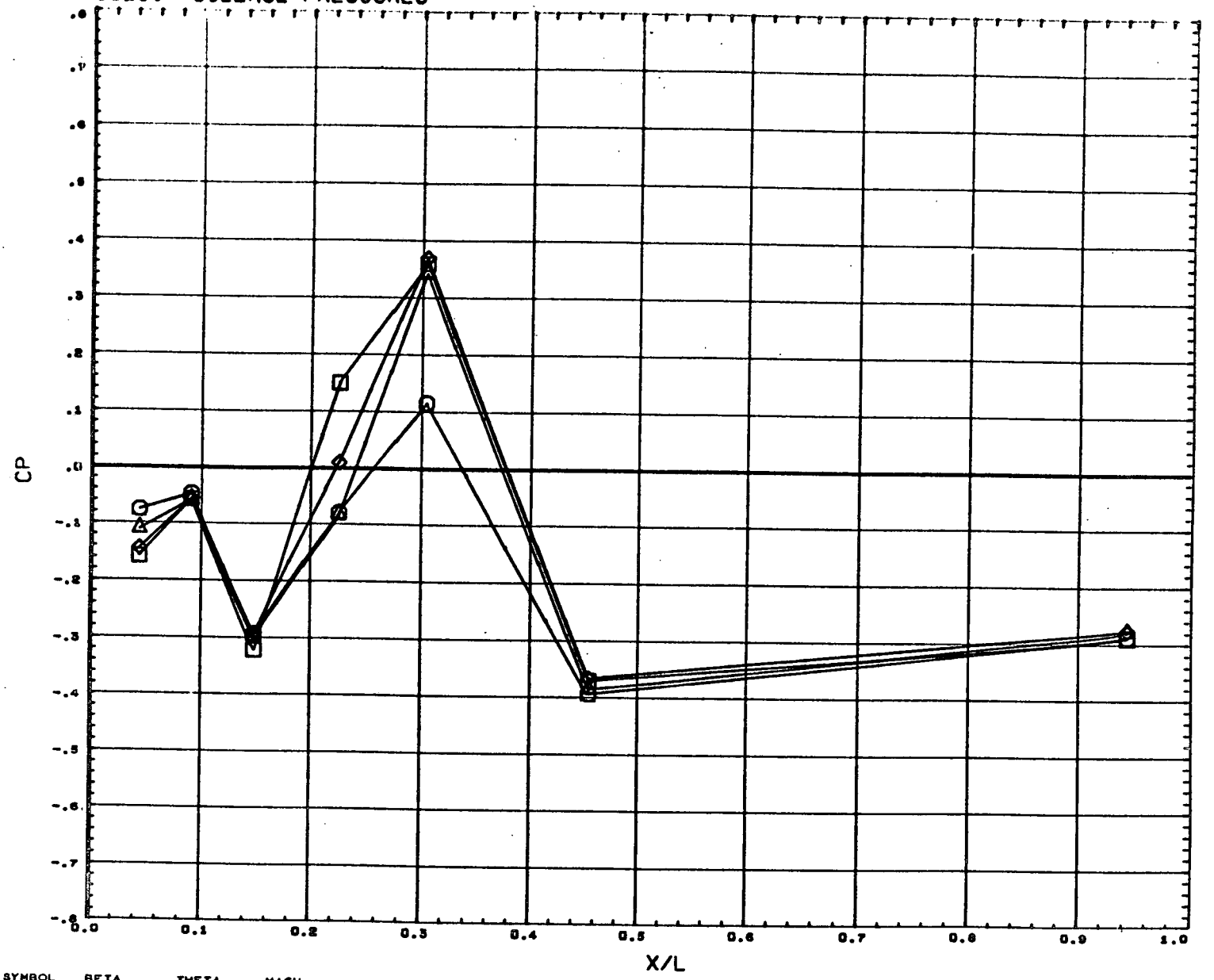
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73006)

T302S1 FUSELAGE PRESSURES



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PARAMETRIC VALUES

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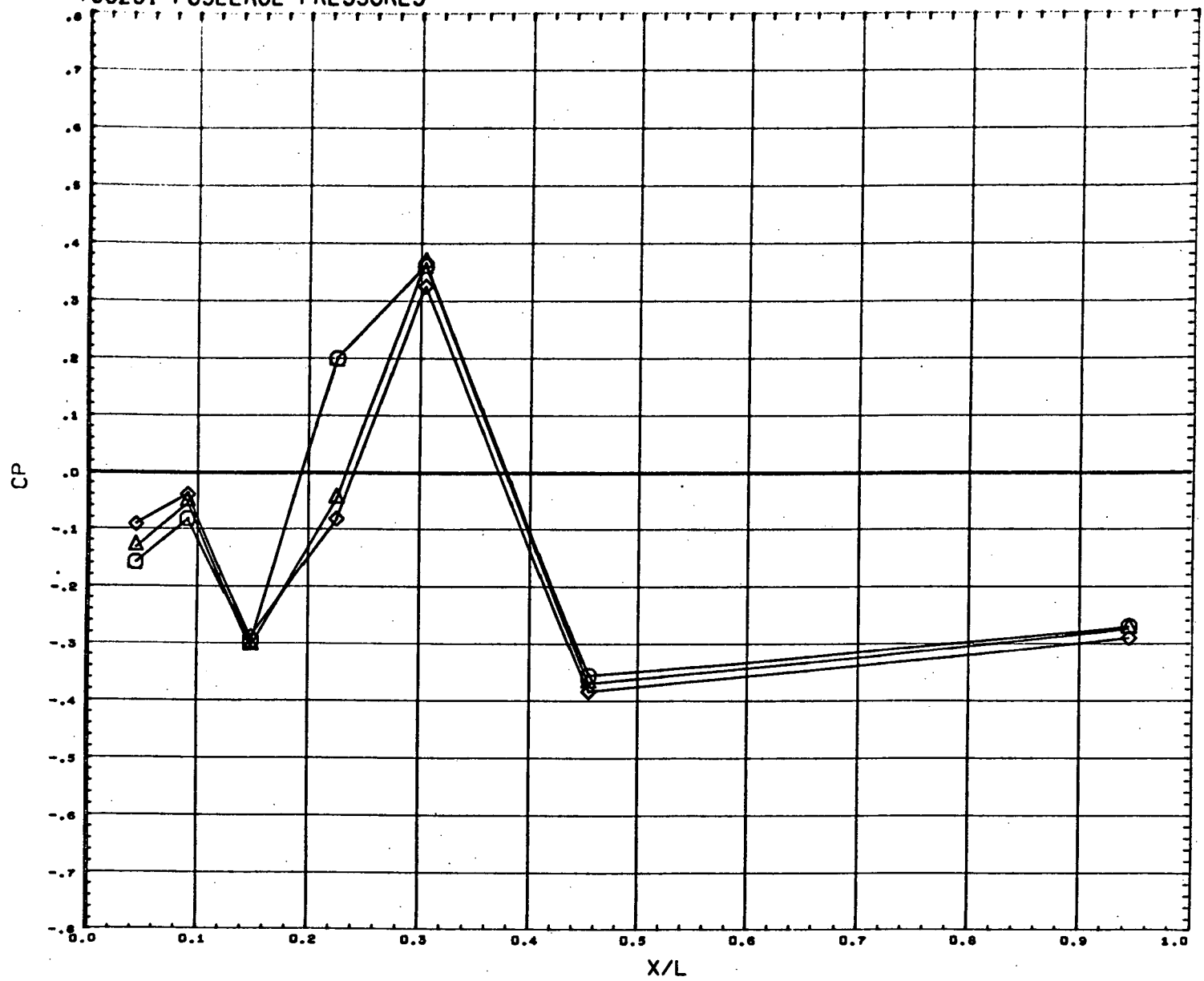
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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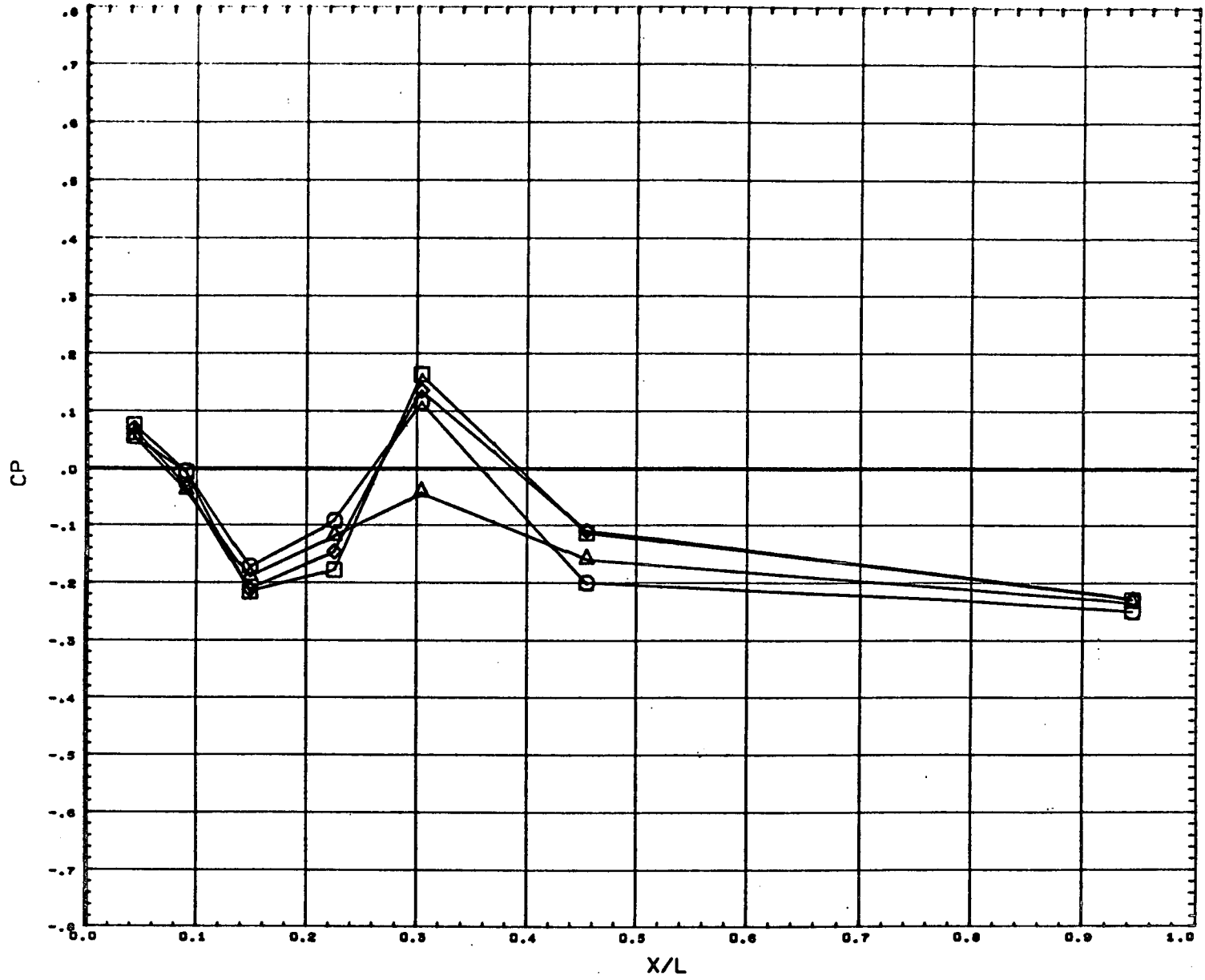
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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△	4.000		
◇	2.000		
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PARAMETRIC VALUES

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PHIS	75.000		

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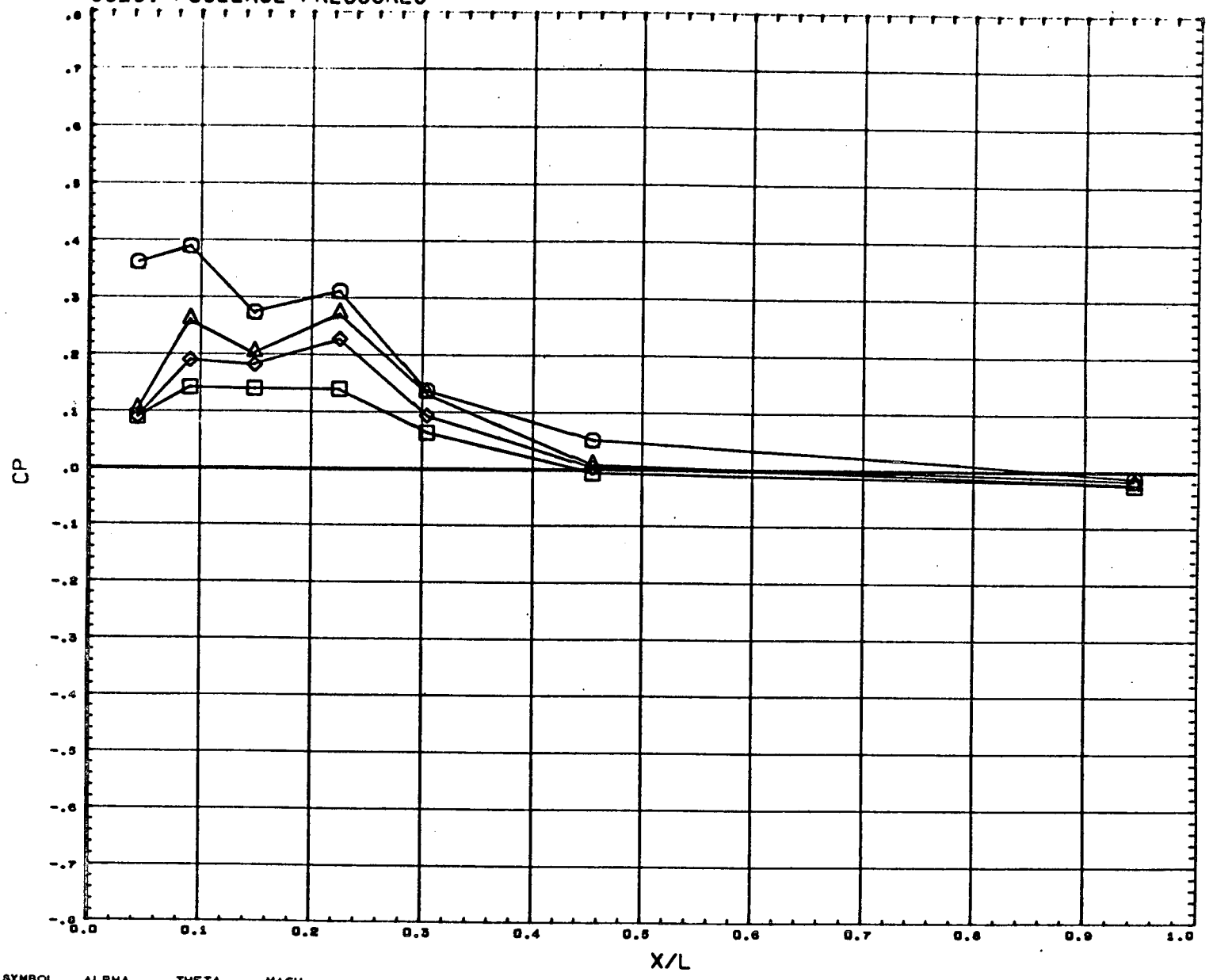
T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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◇	2.000		
□	6.000		

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73007)

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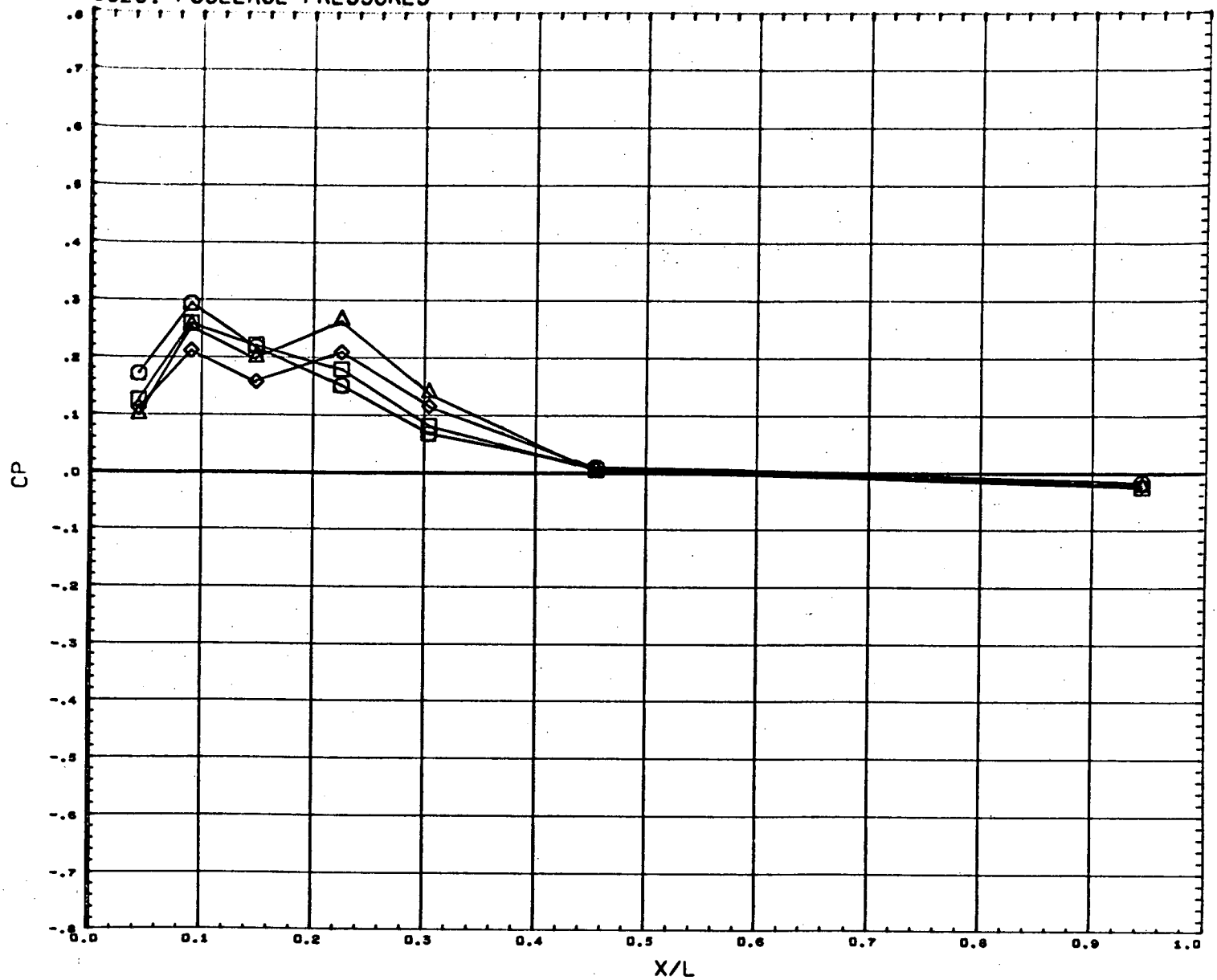
T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	4.960
△	0.000		
◇	2.000		
□	6.000		

PARAMETRIC VALUES

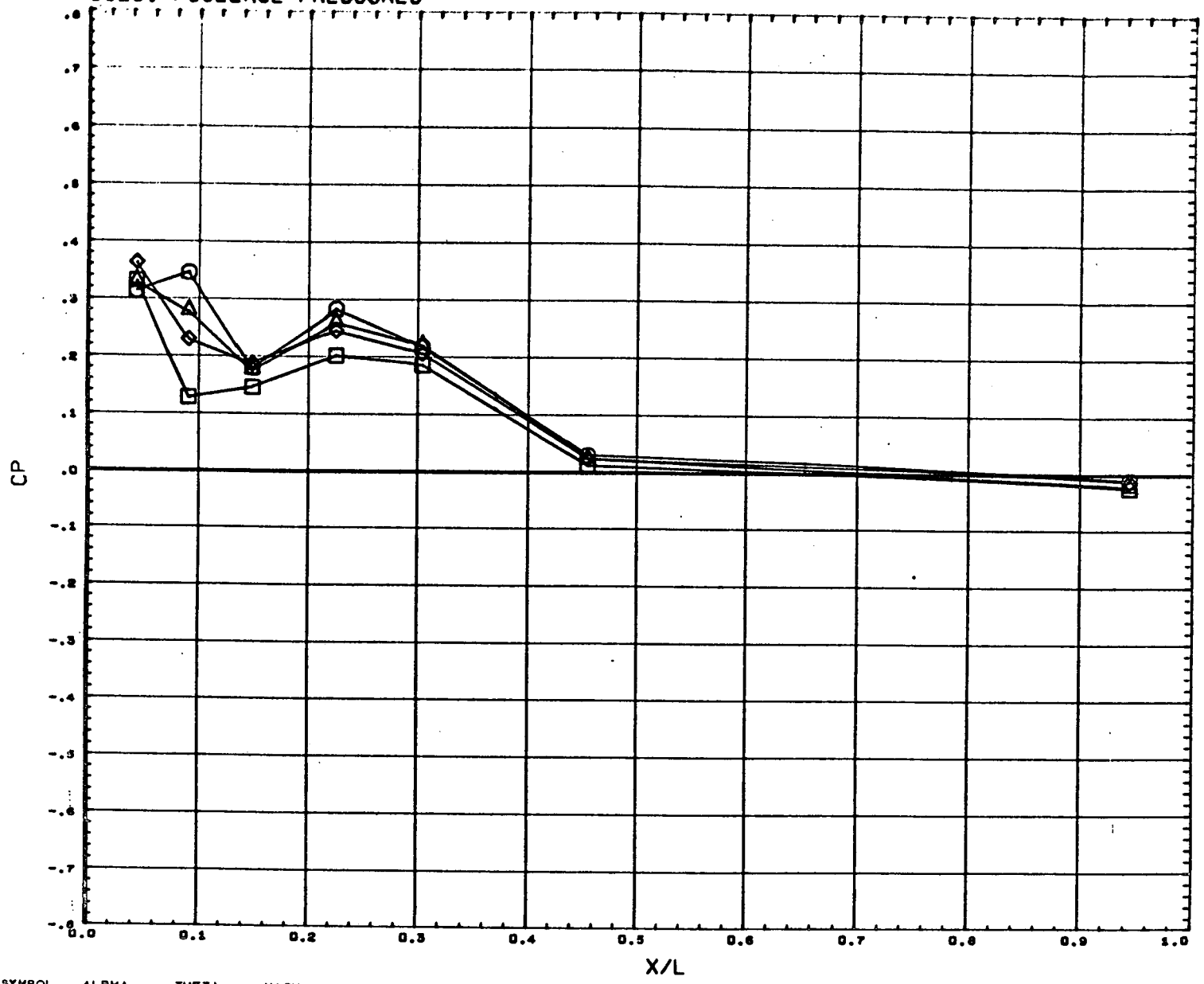
ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73008)

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

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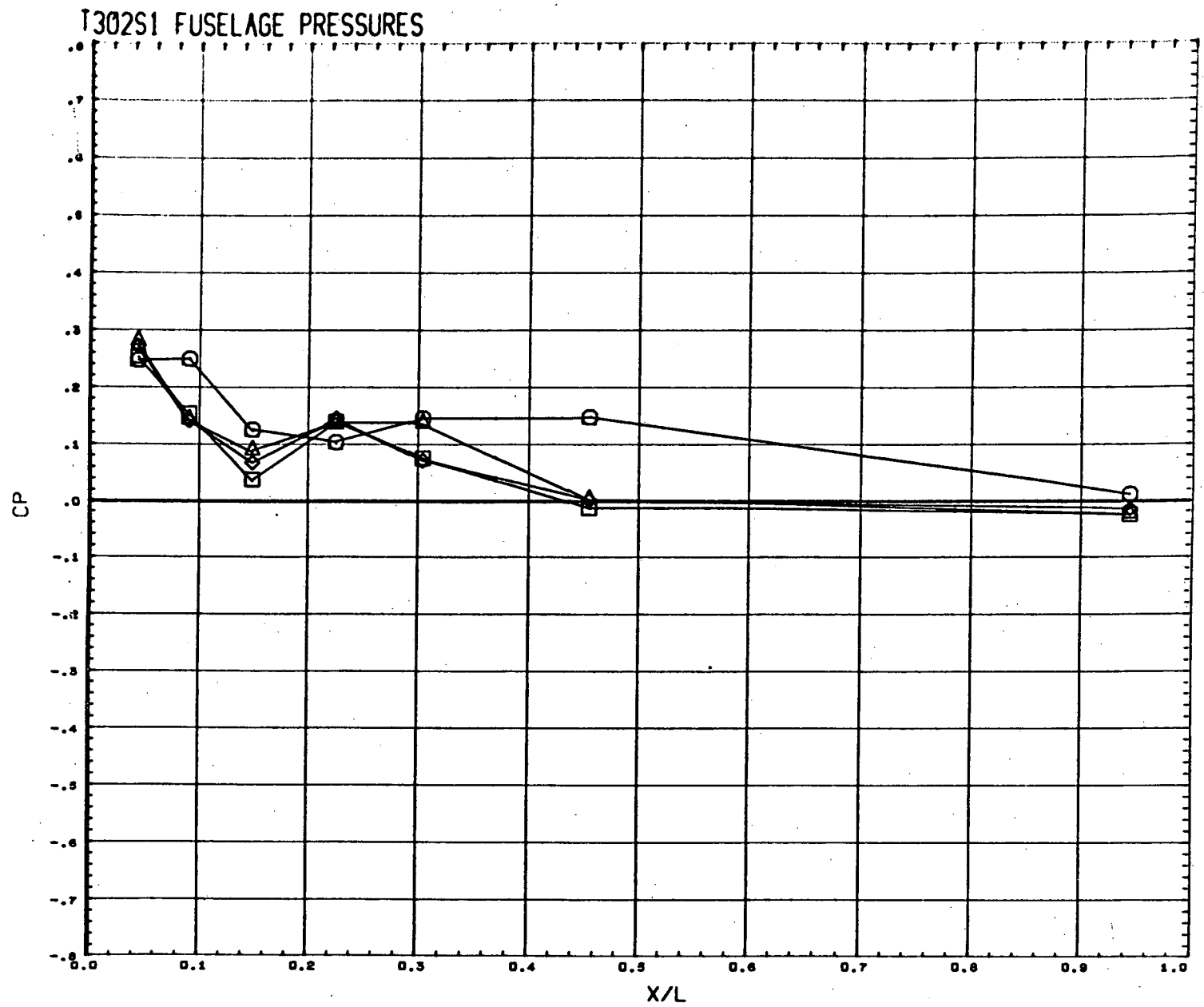

SYMBOL	ALPHA	THETA	MACH
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△	4.000		
◇	6.000		
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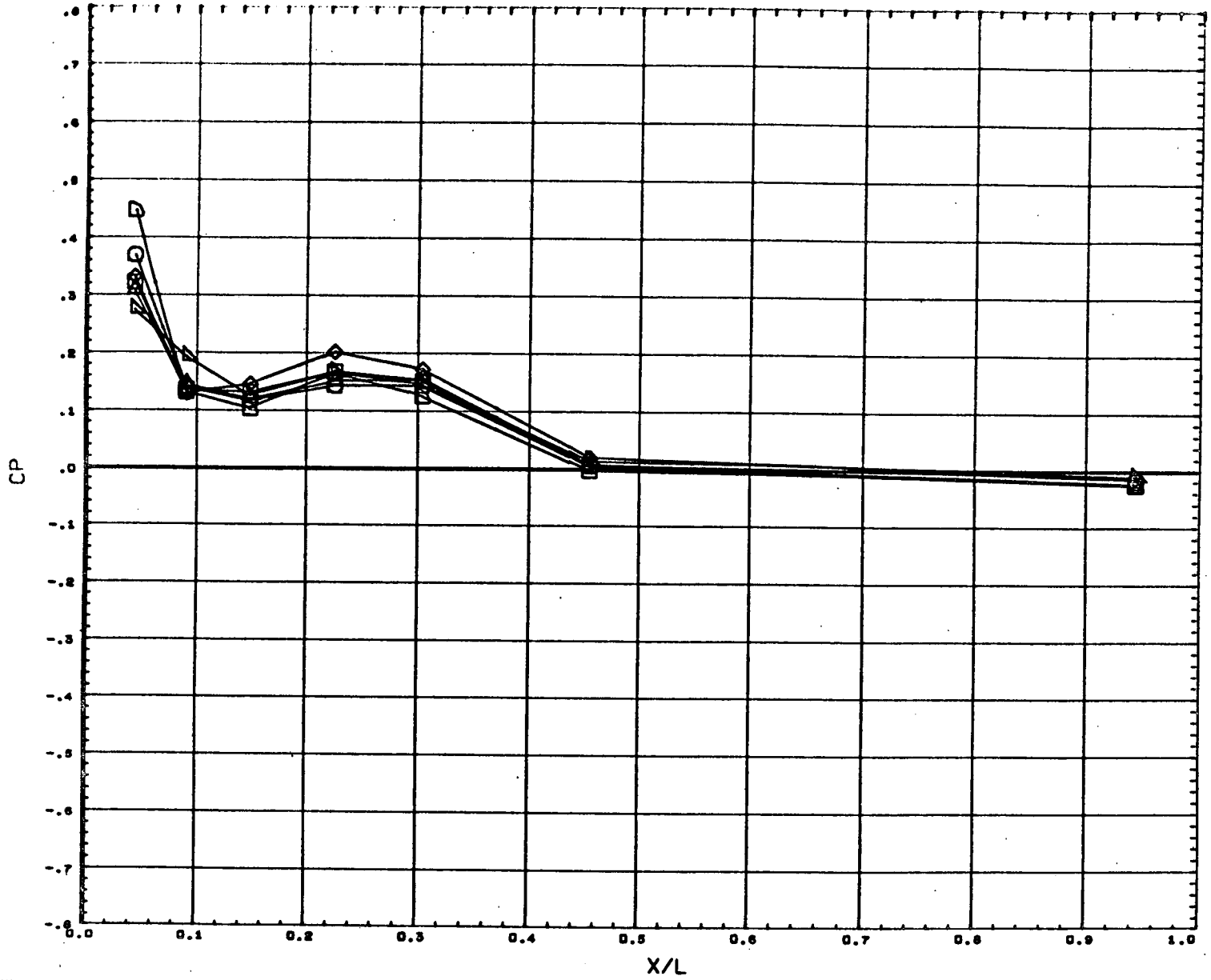
PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES

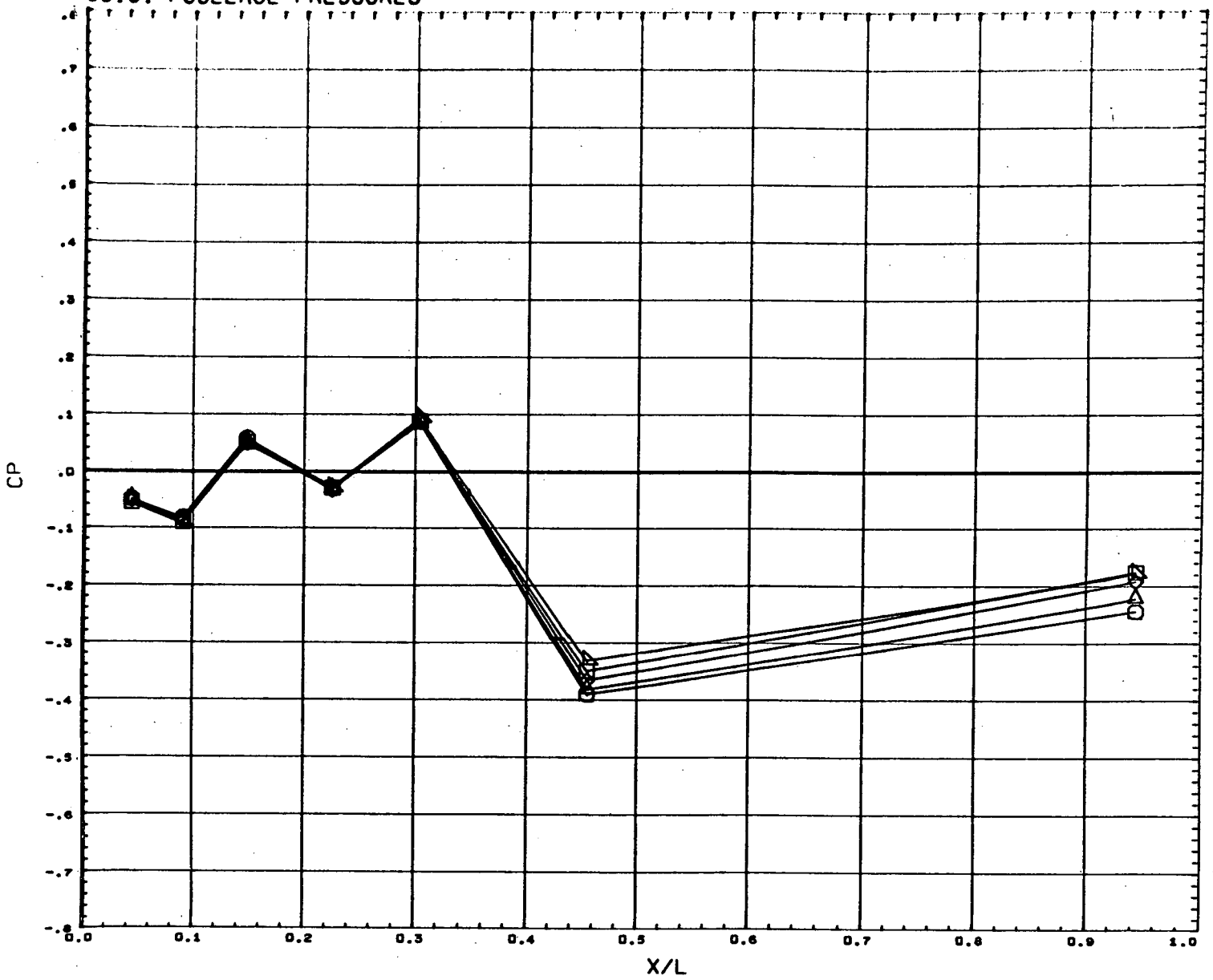


SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	4.960
△	- 4.000		
◇	0.000		
□	2.000		
◸	4.000		
D	6.000	REFERENCE FILE	

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	2.000		
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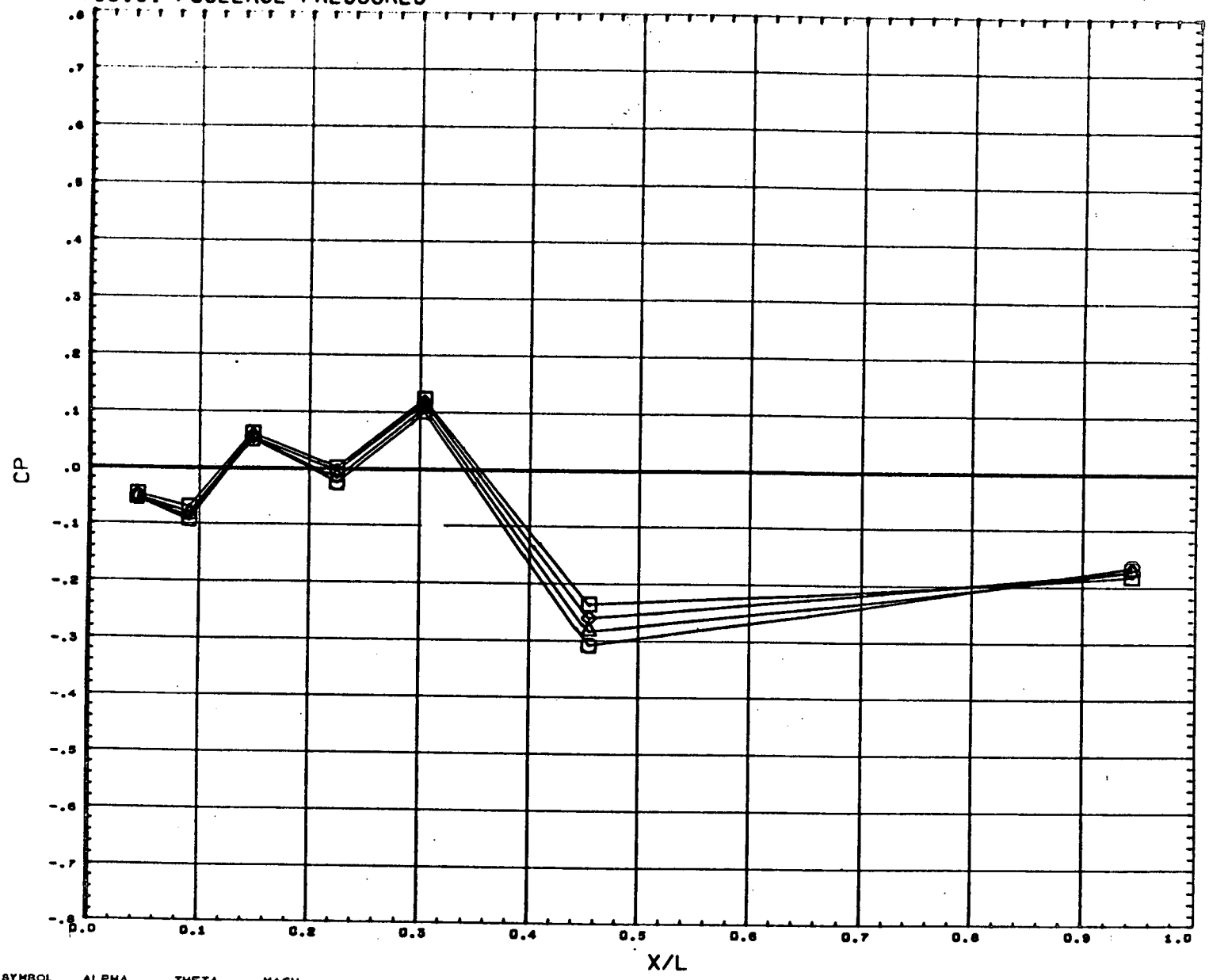
REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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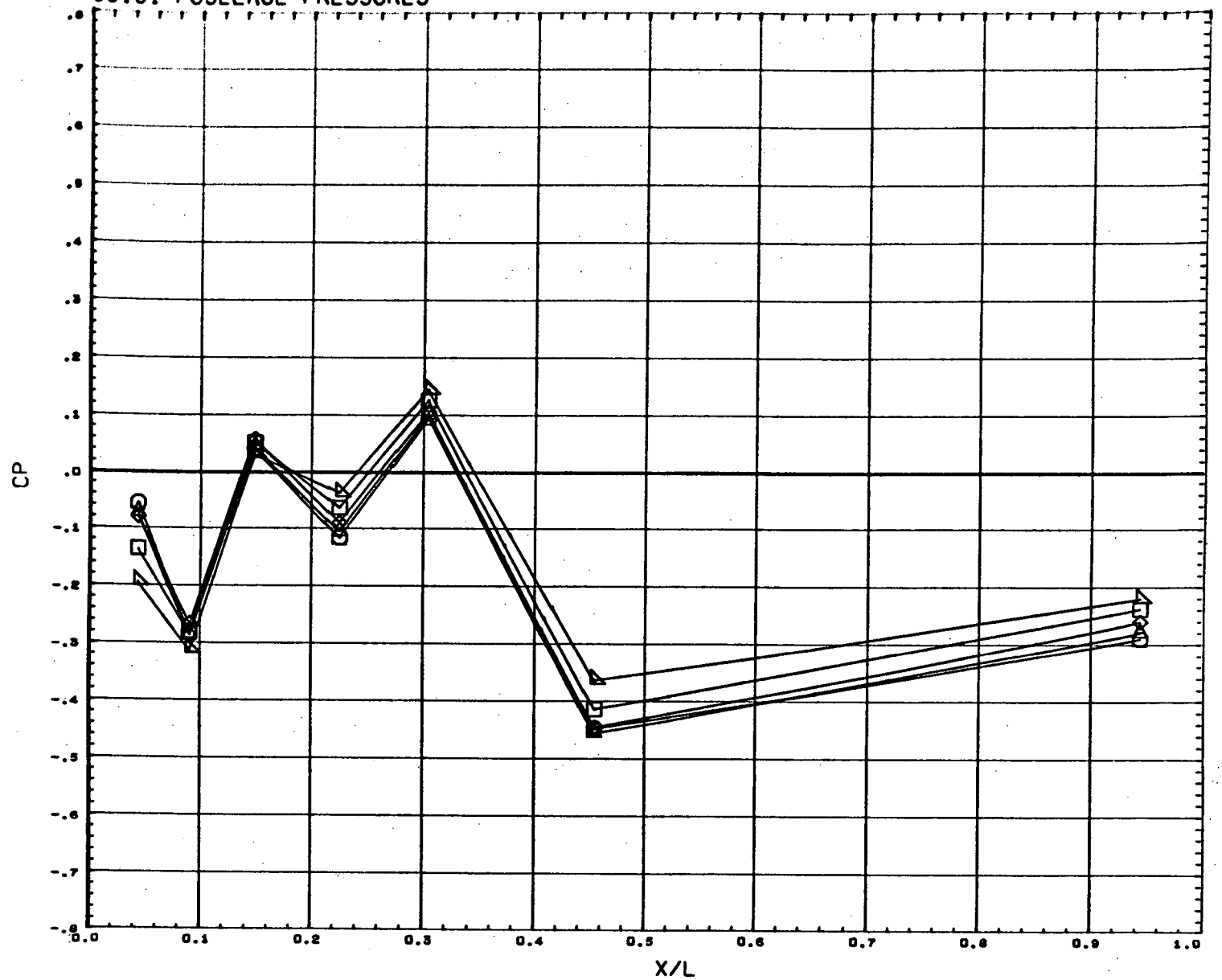
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
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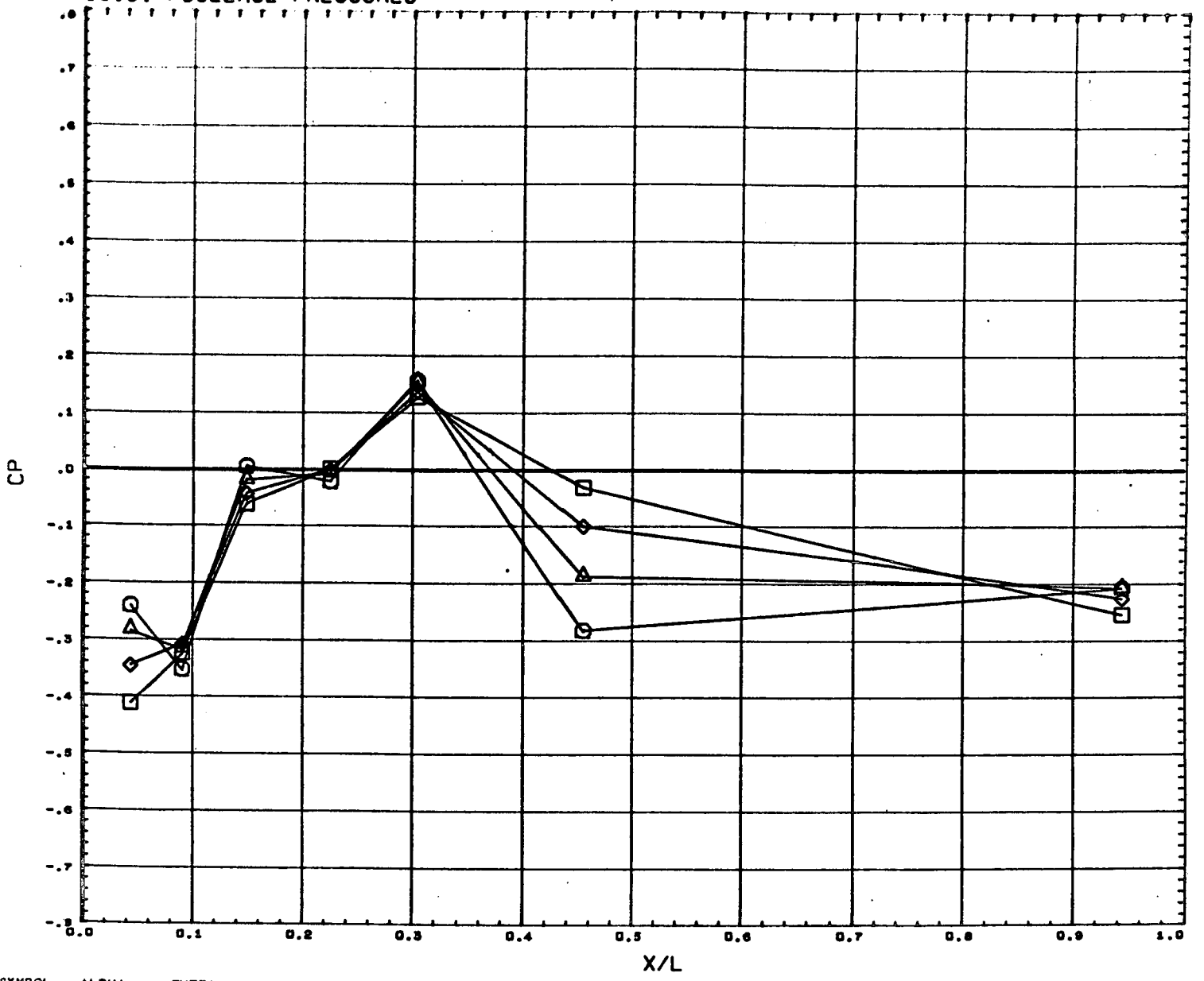
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



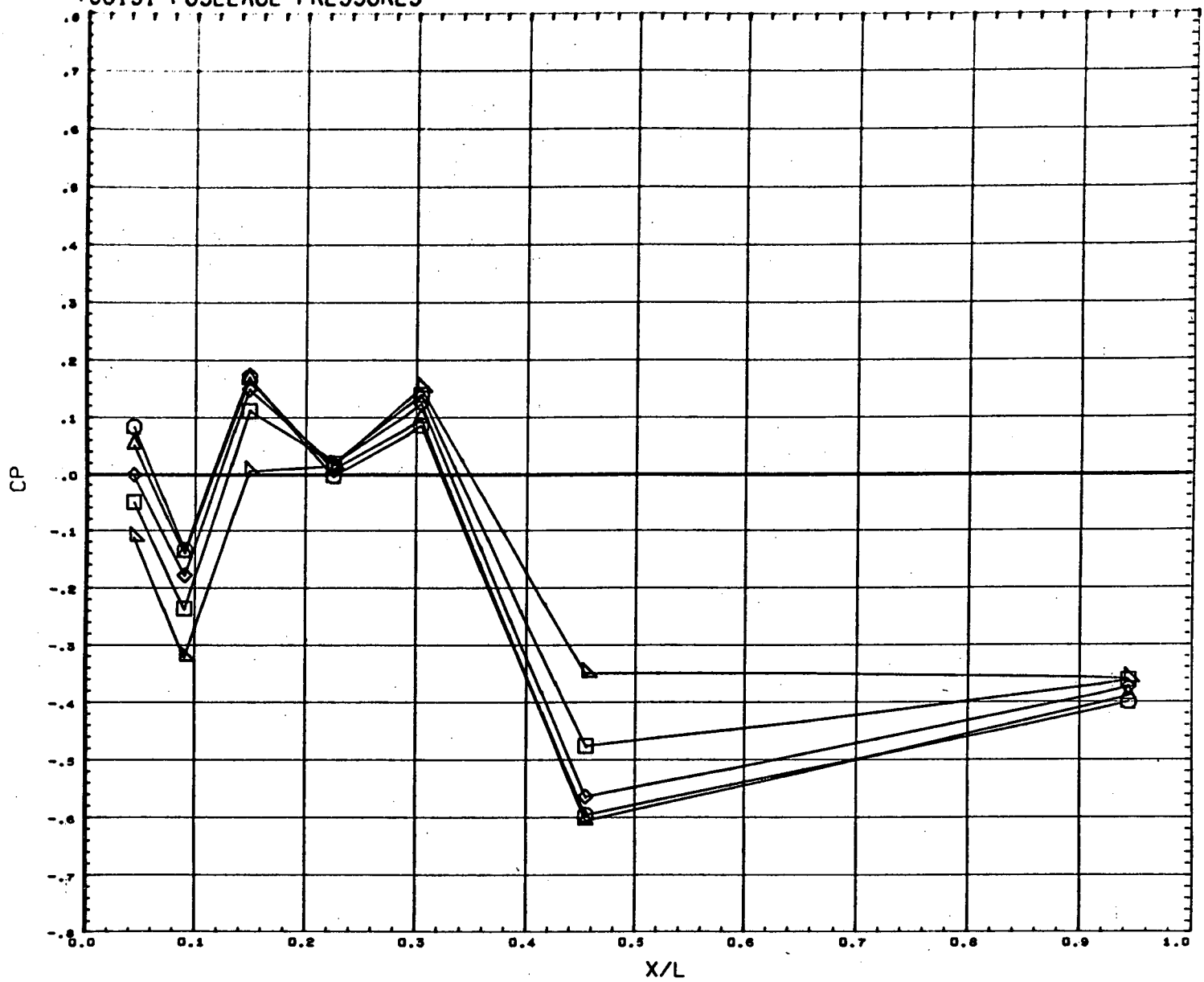
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.899
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



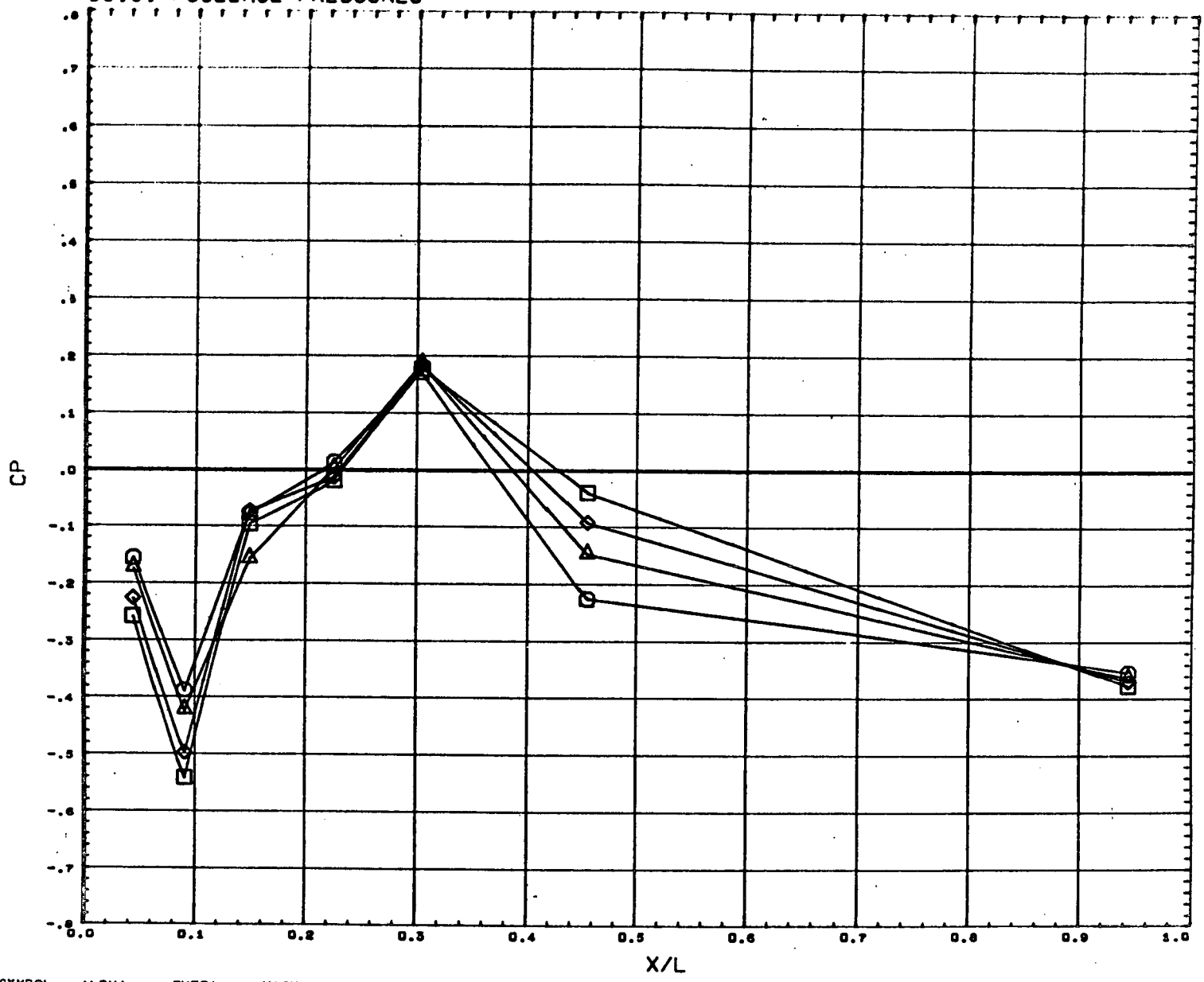
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.001
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



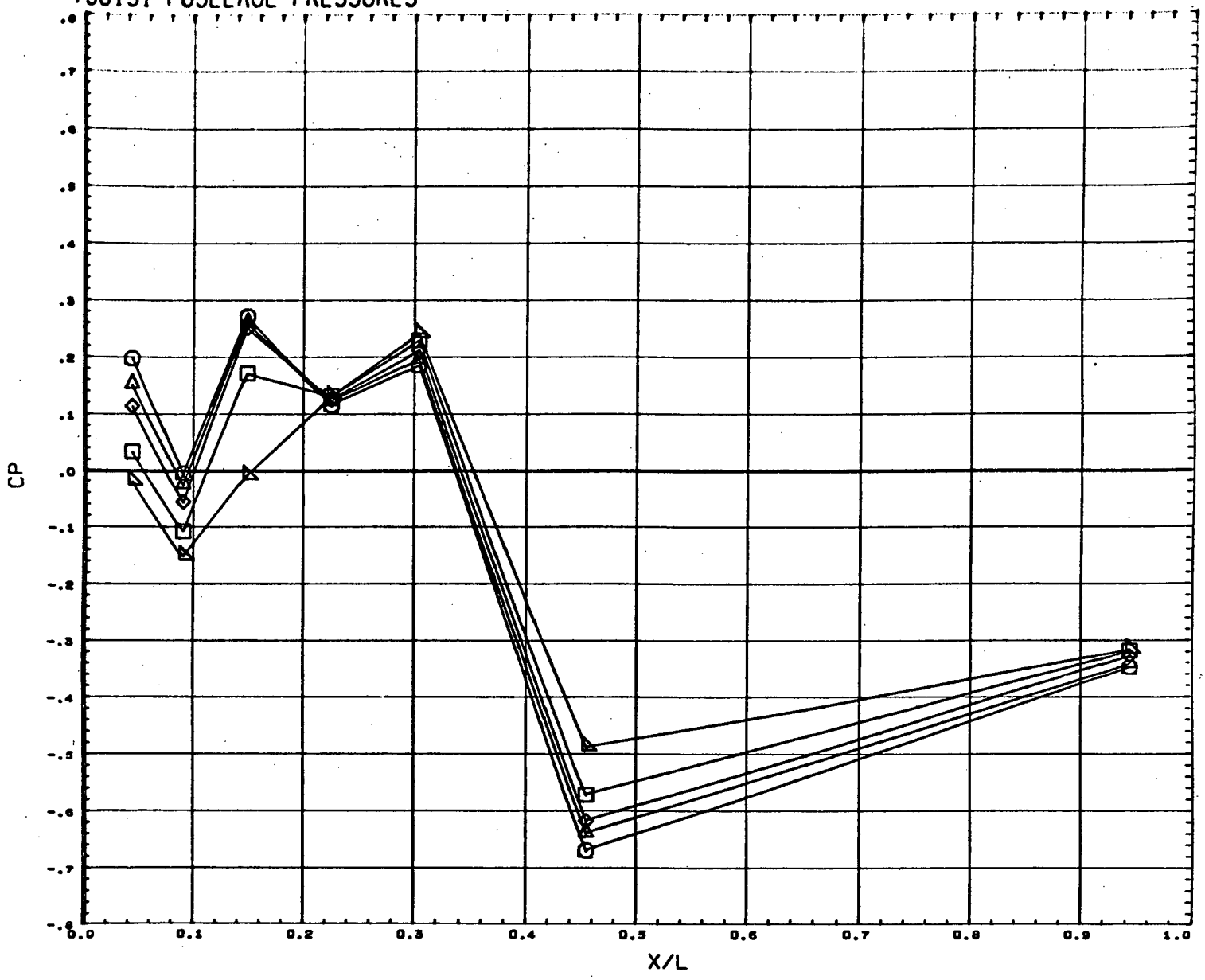
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.001
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



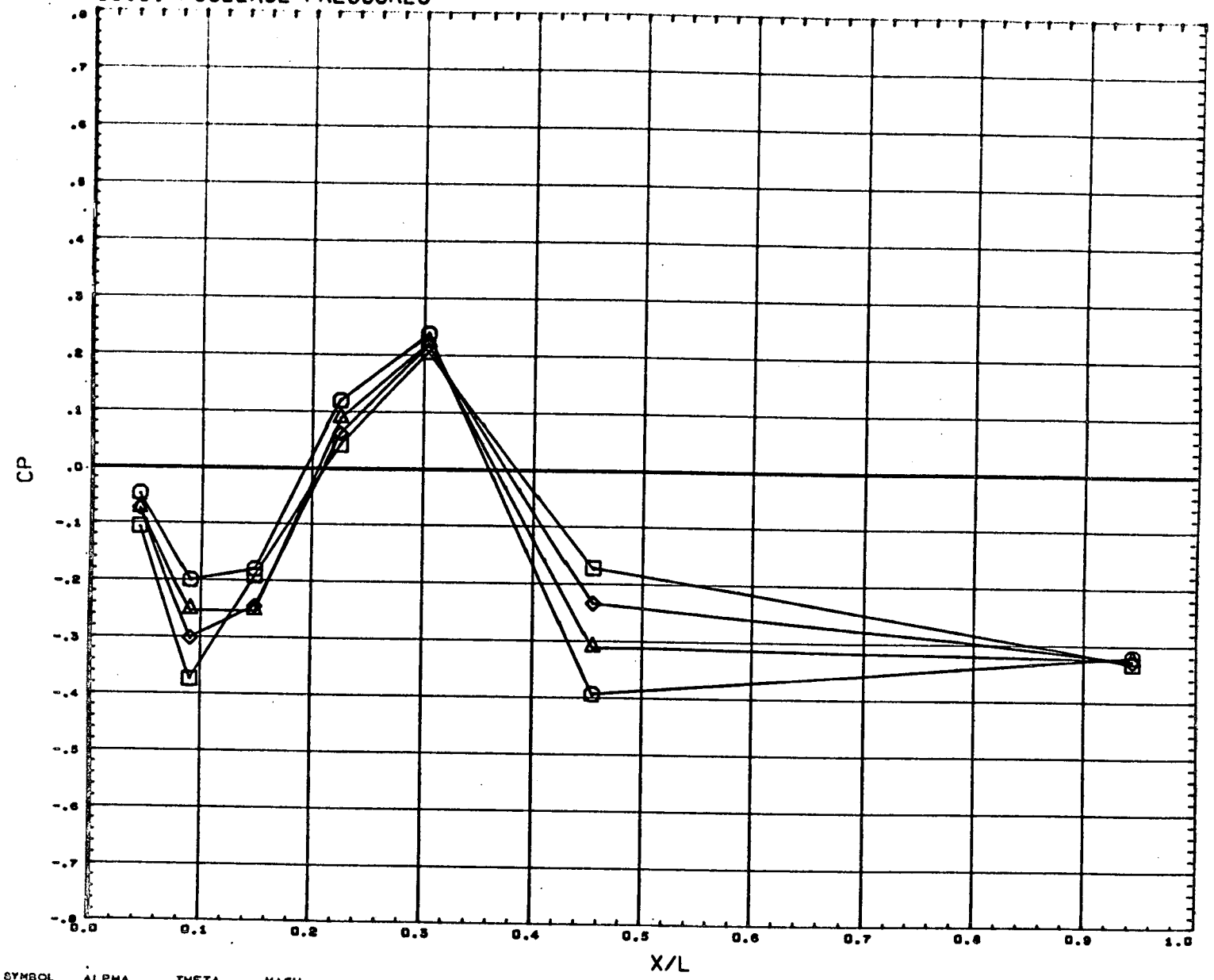
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.096
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



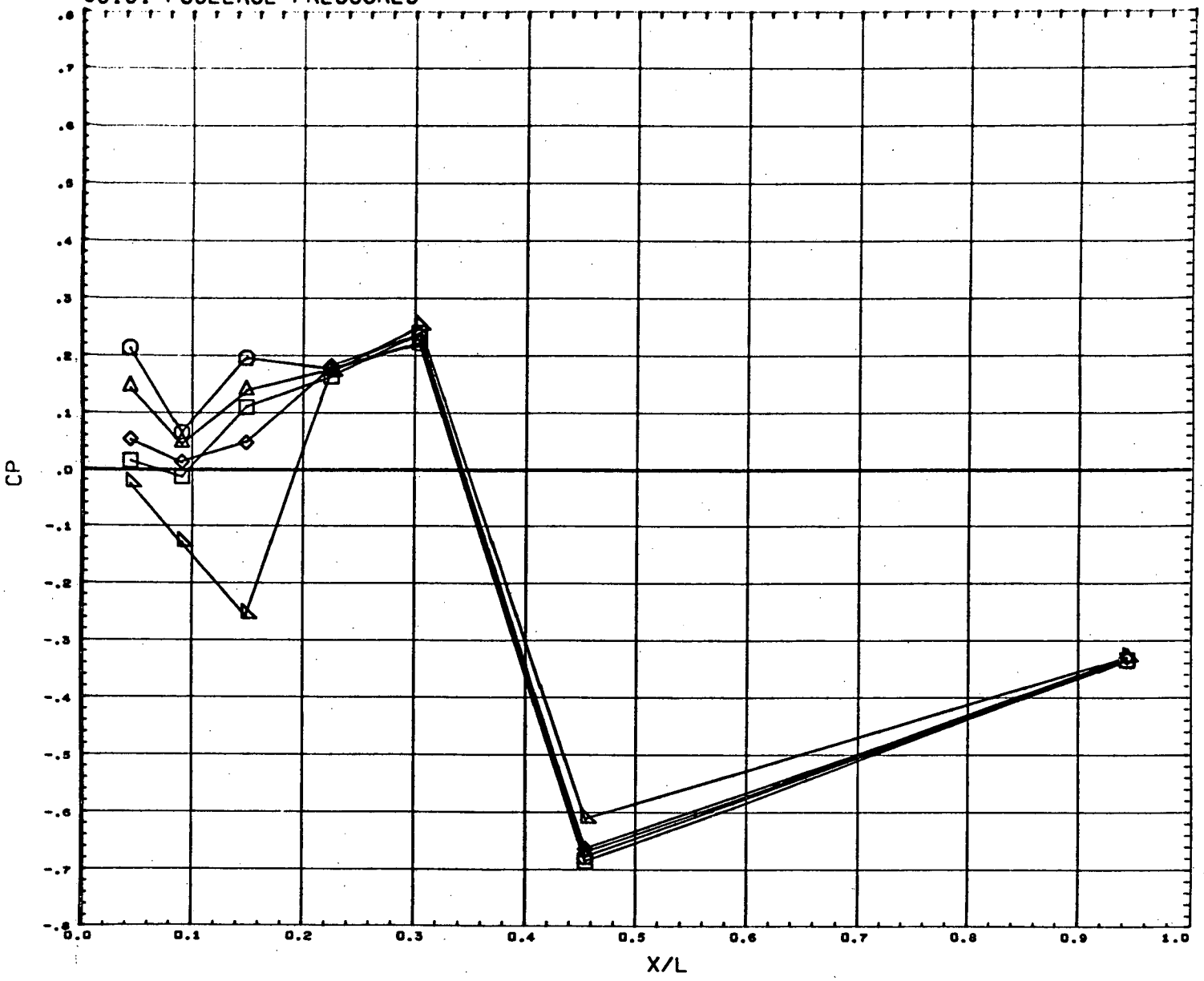
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.096
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



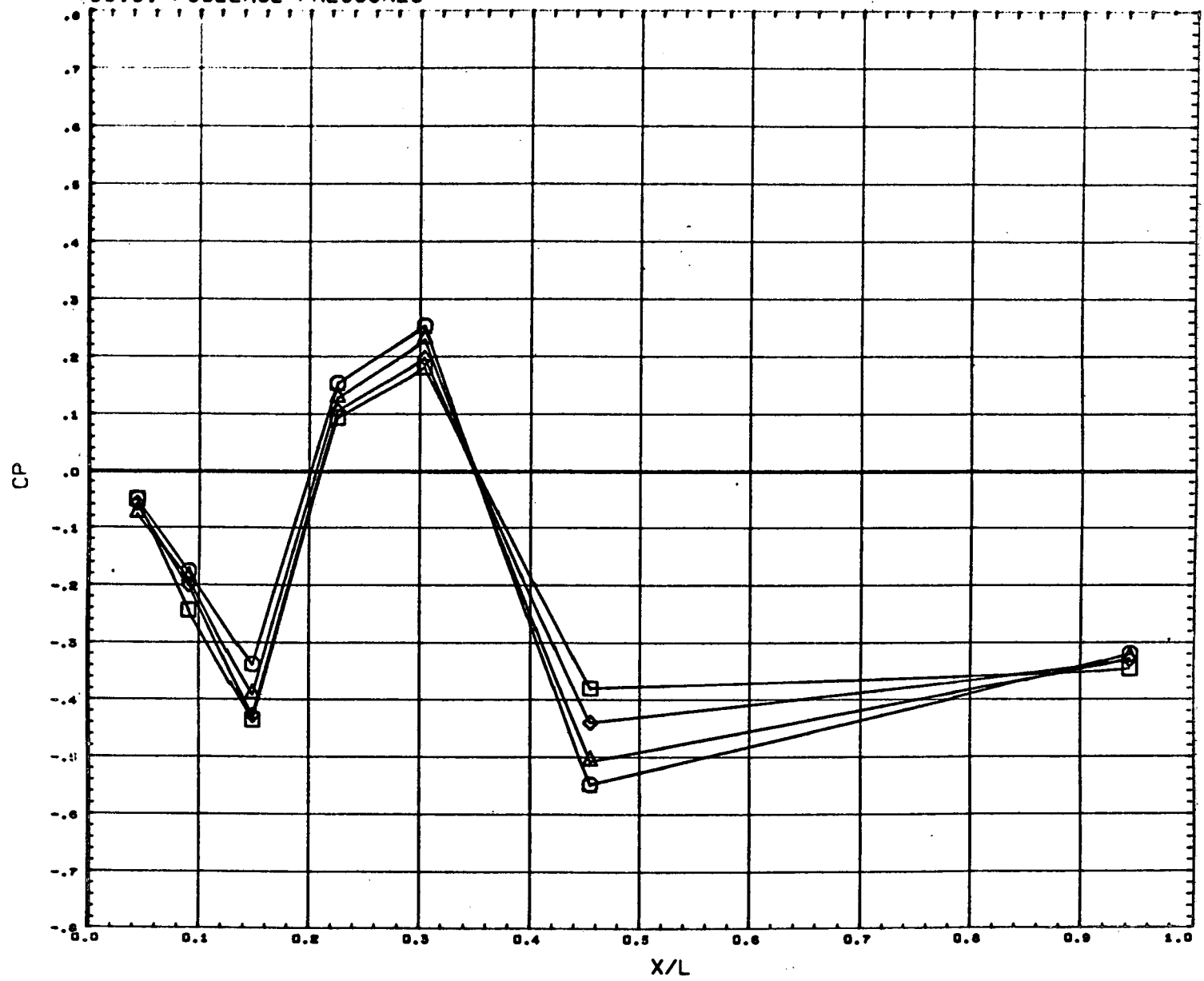
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.199
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



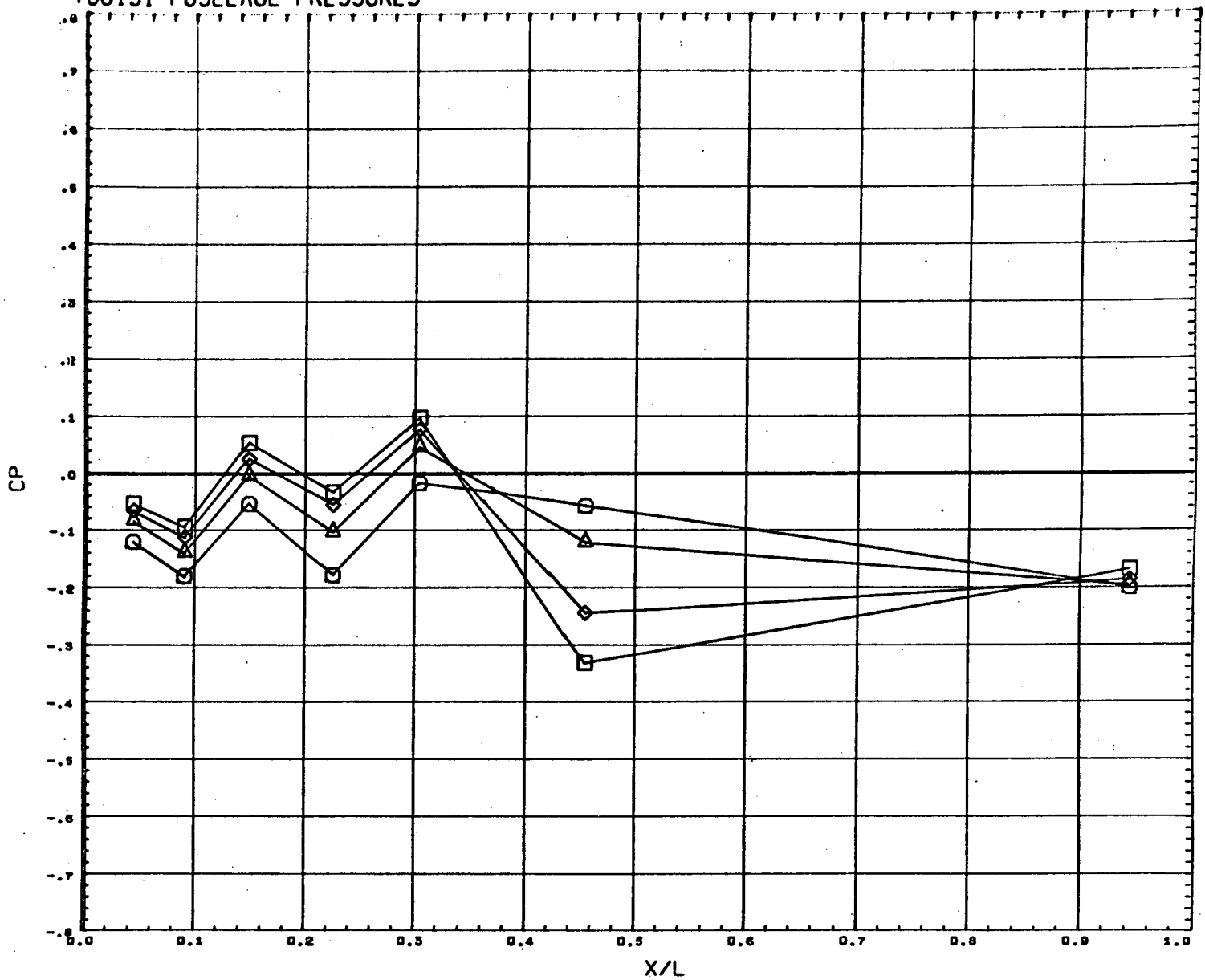
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.199
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



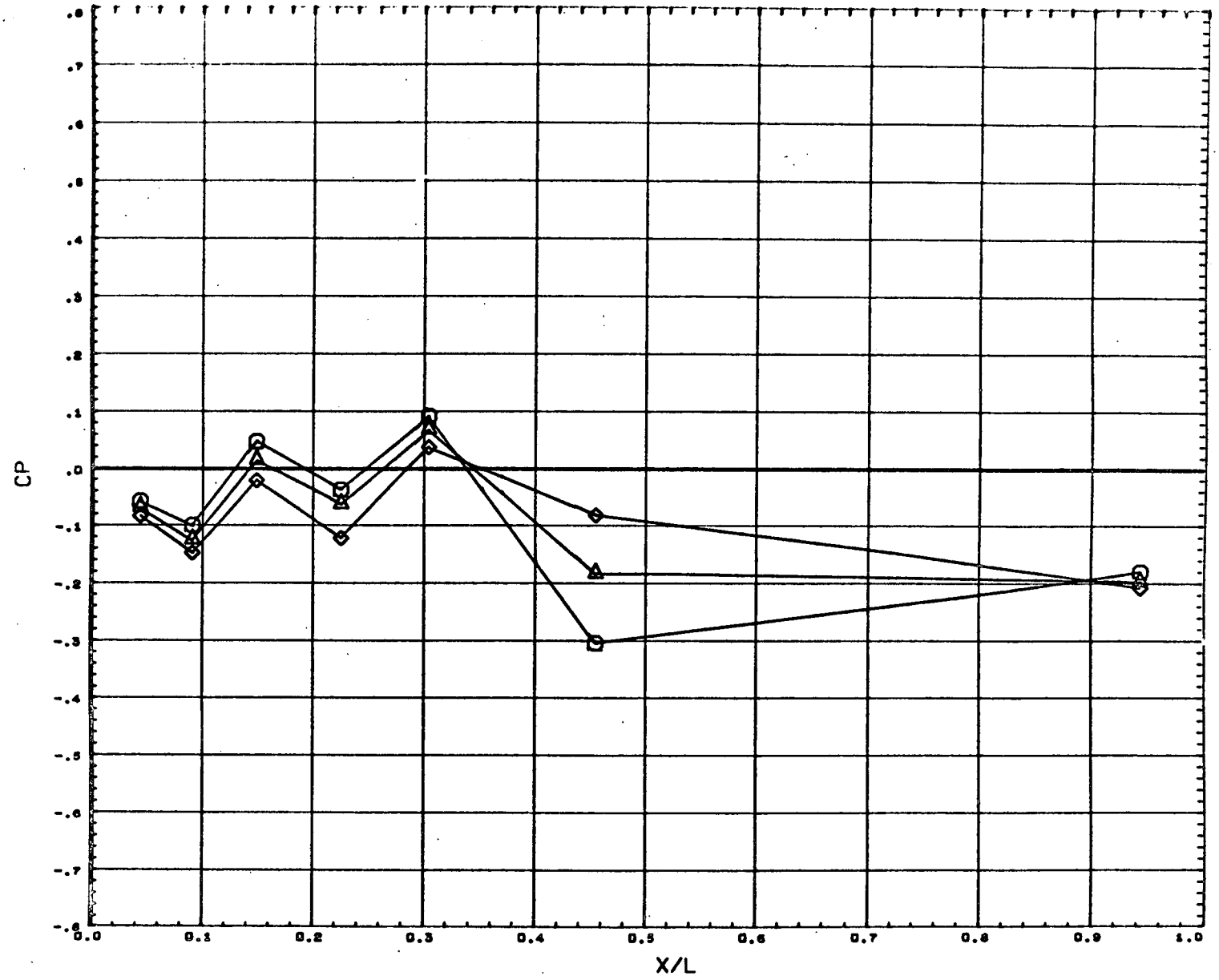
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.601
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.601
△	4.000		
◇	6.000		

PARAMETRIC VALUES

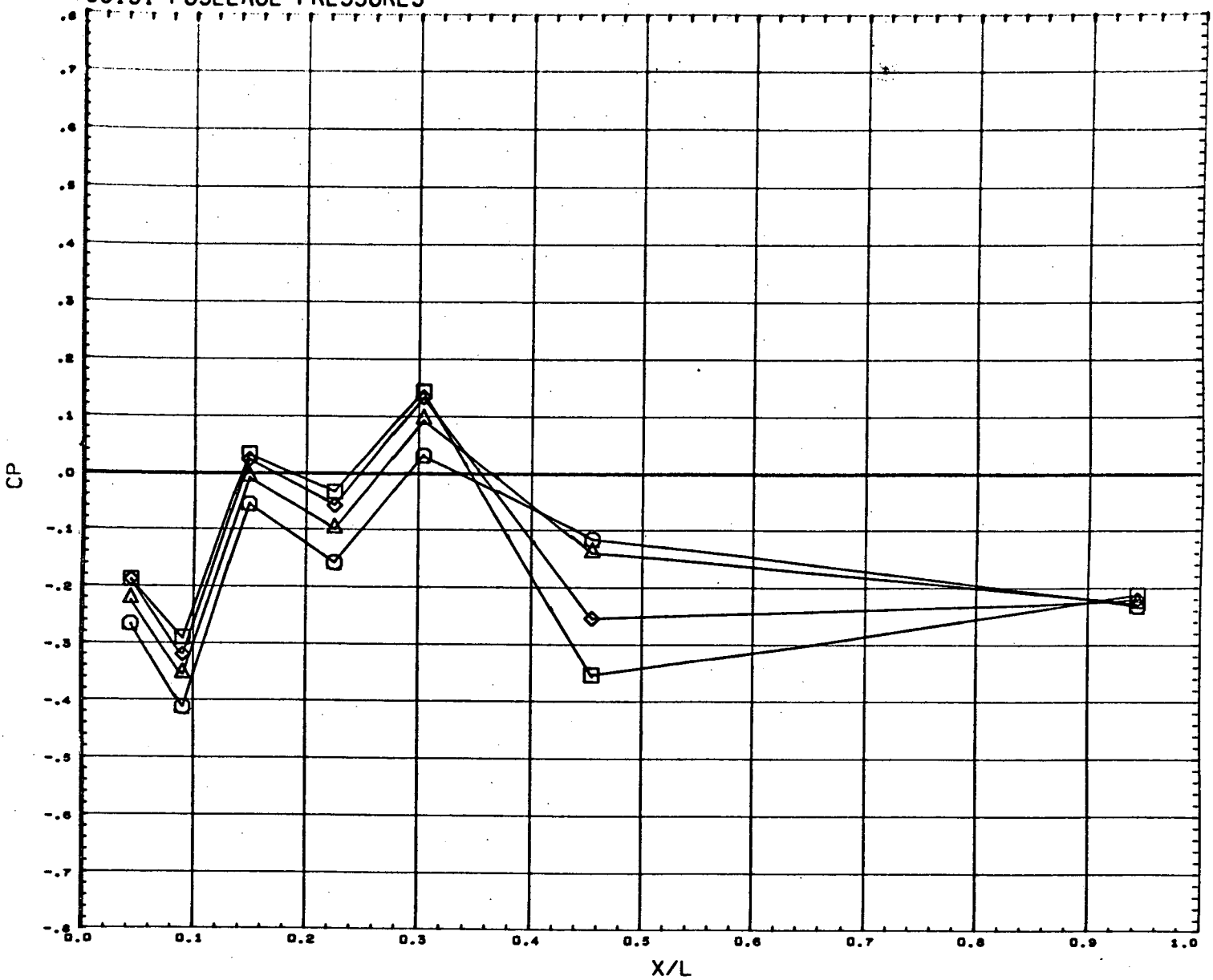
ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73012)

C2

T301S1 FUSELAGE PRESSURES



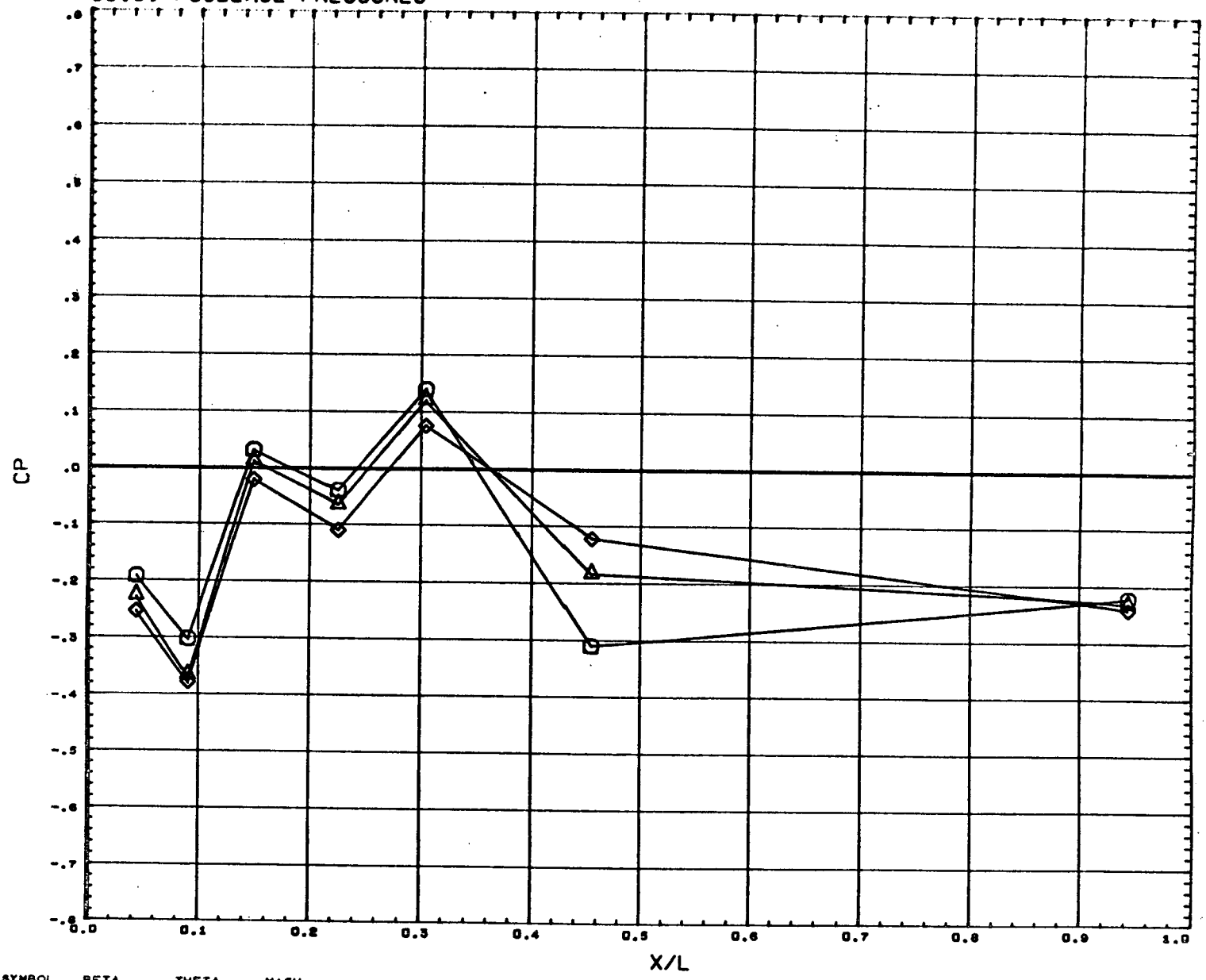
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.896
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



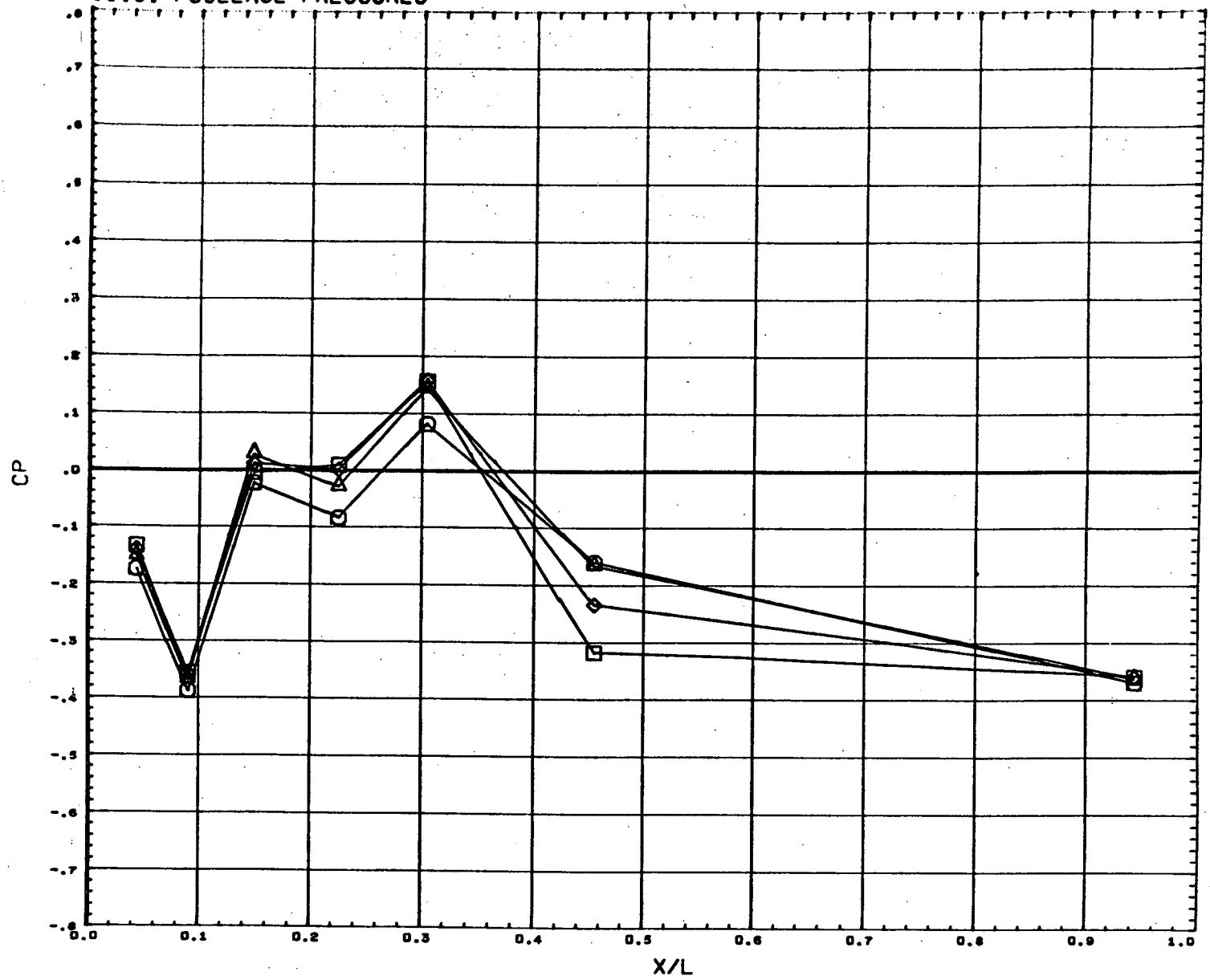
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.696
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



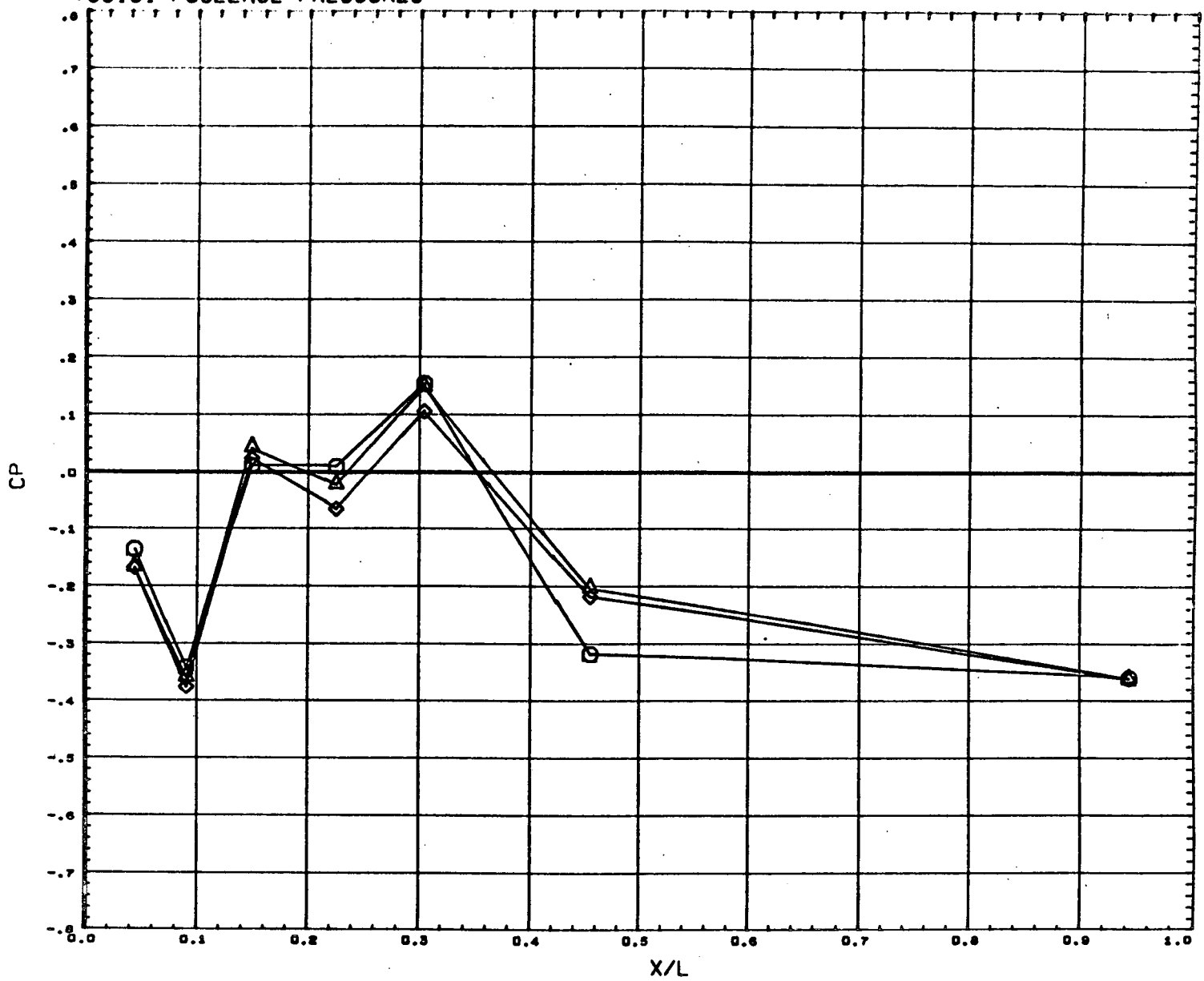
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.999
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES

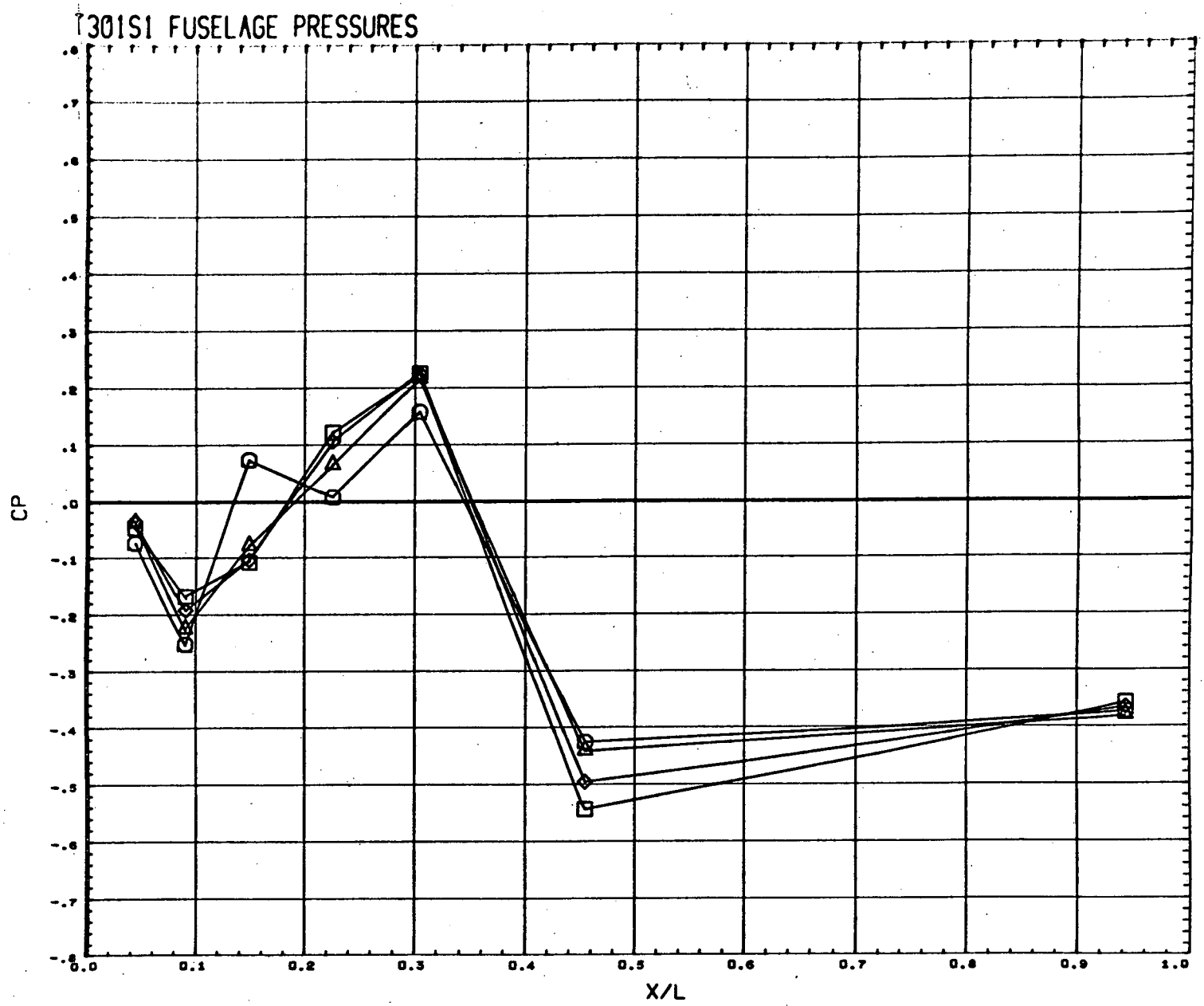


SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.999
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE



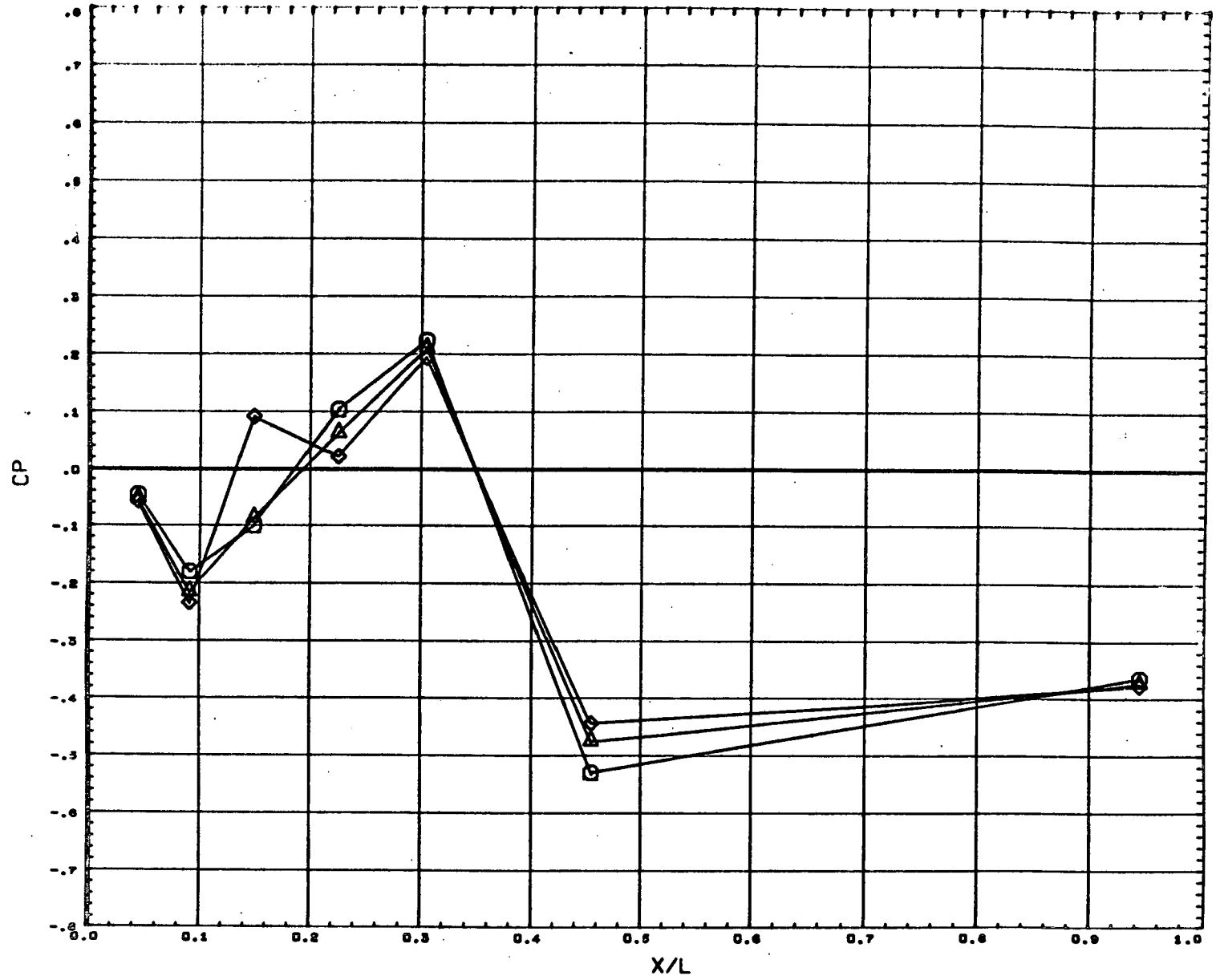
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.101
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.101
△	4.000		
◇	6.000		

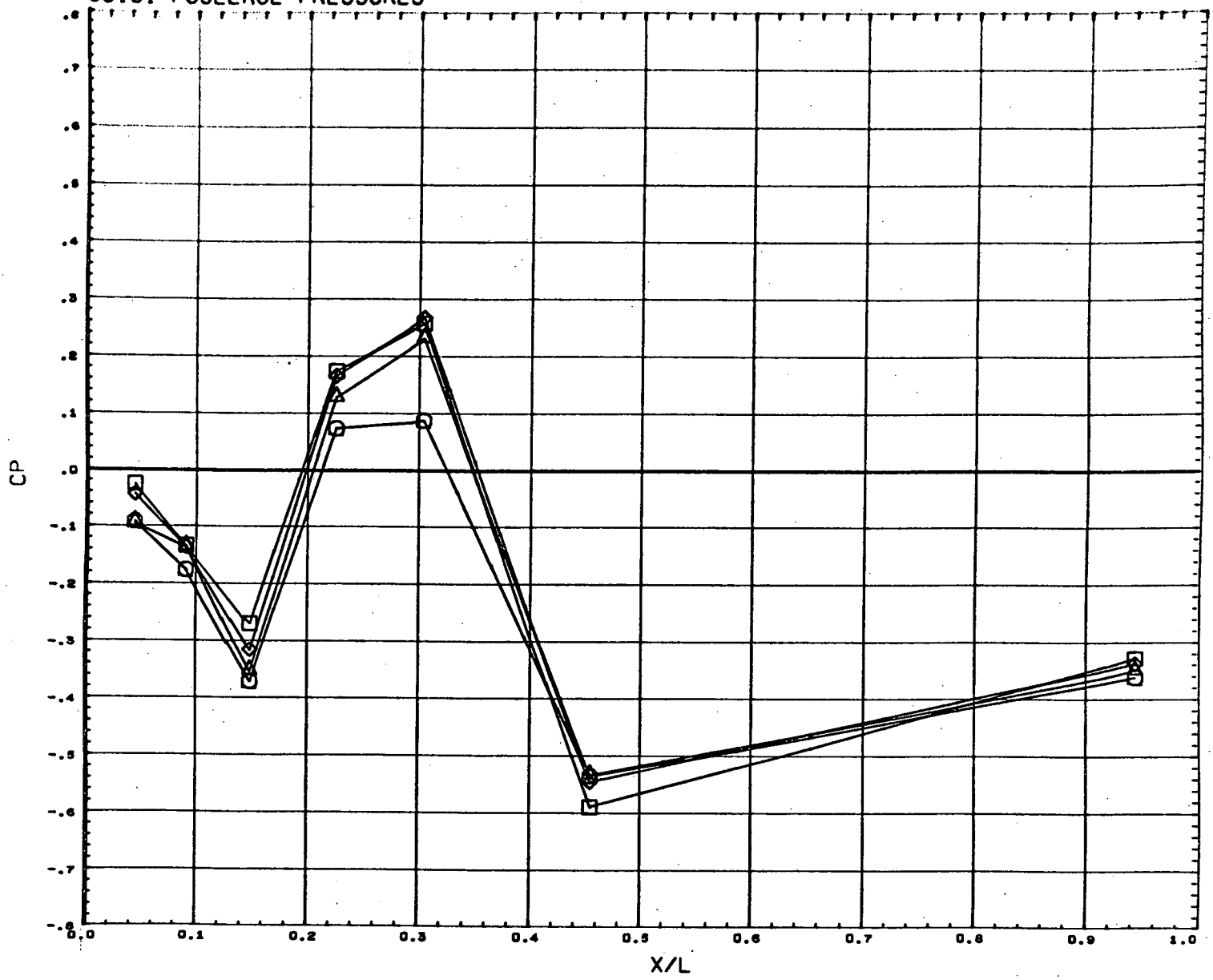
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73012)

T301S1 FUSELAGE PRESSURES



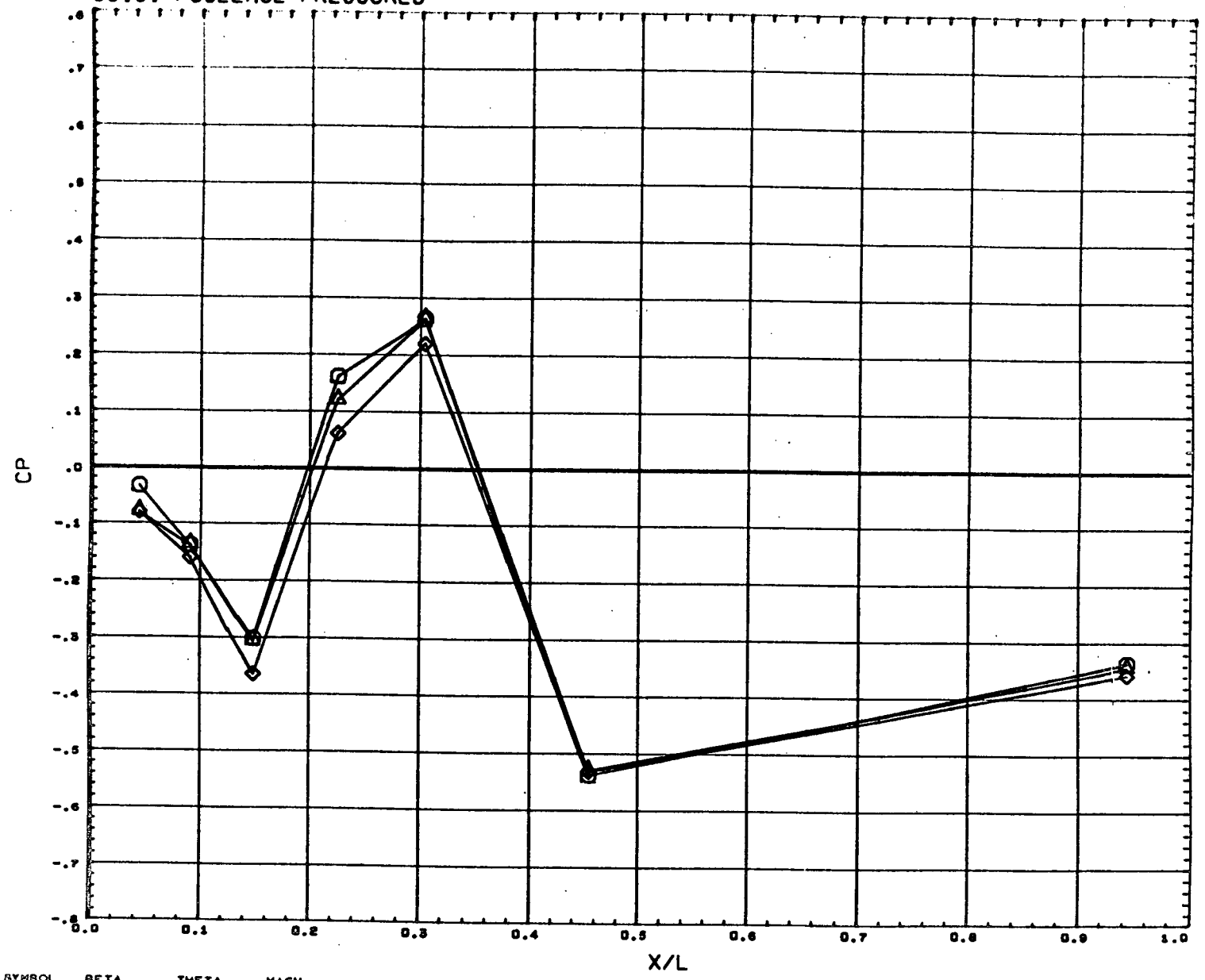
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.200
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.200
△	4.000		
◇	6.000		

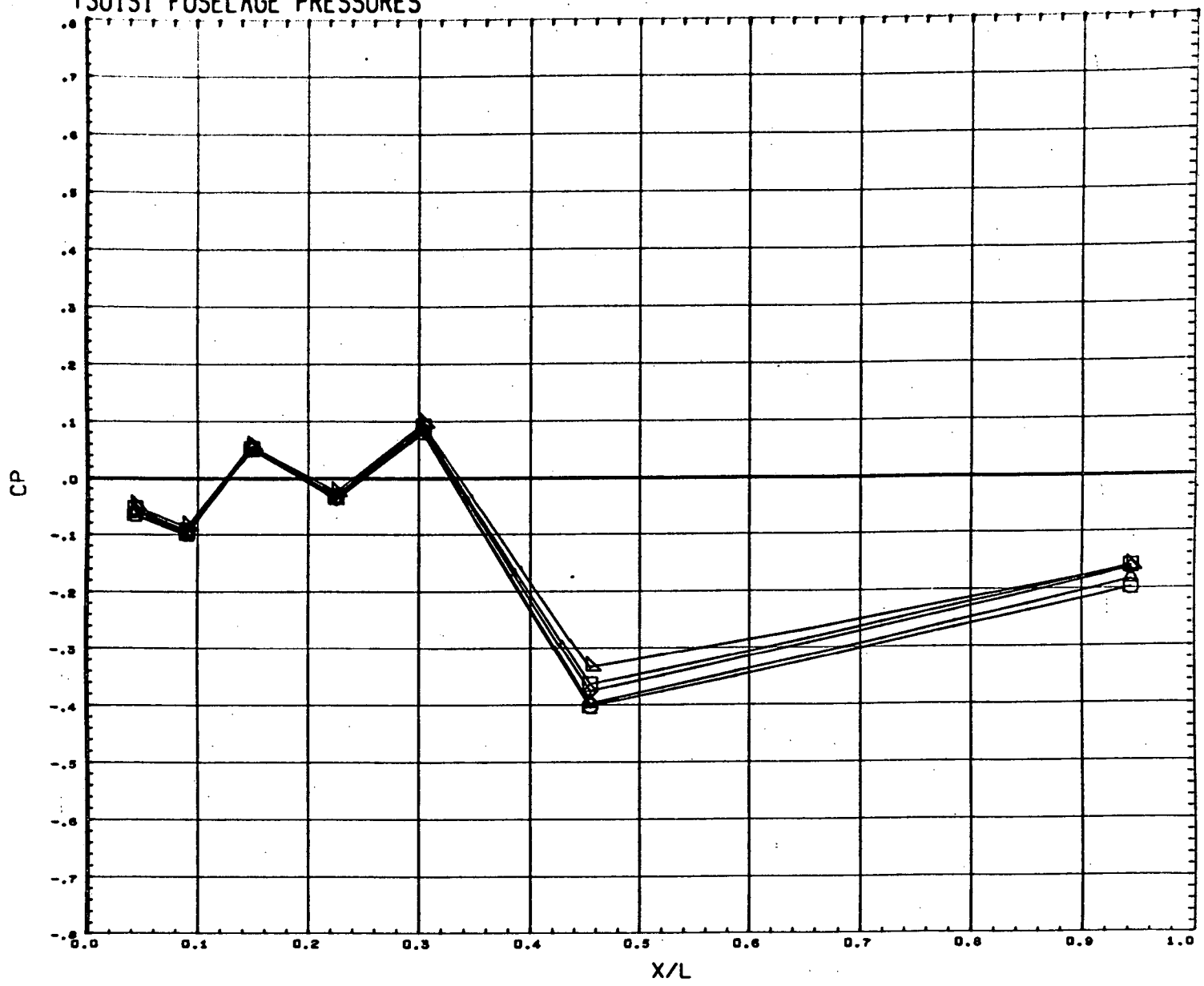
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73012)

T301S1 FUSELAGE PRESSURES



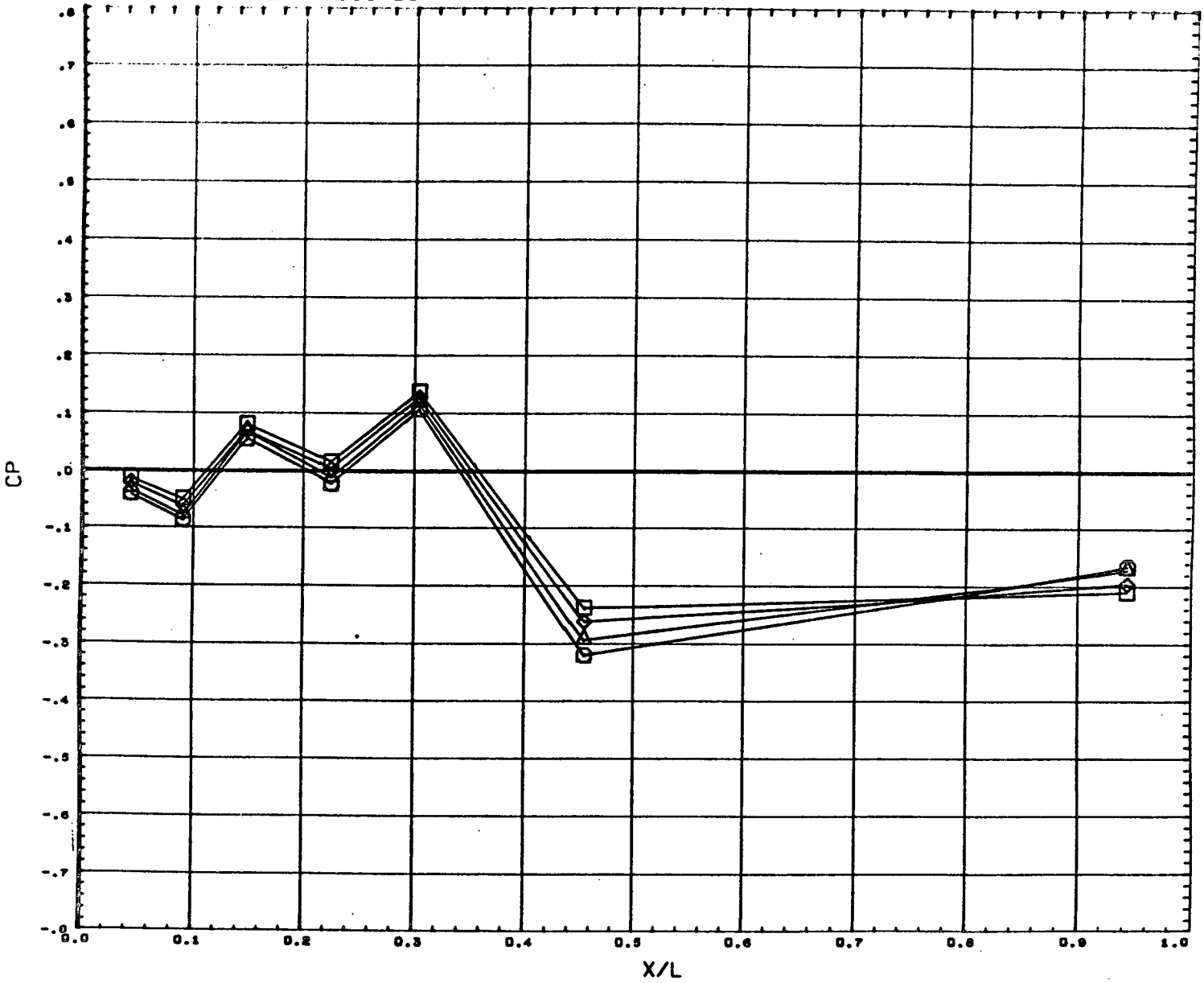
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.595
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



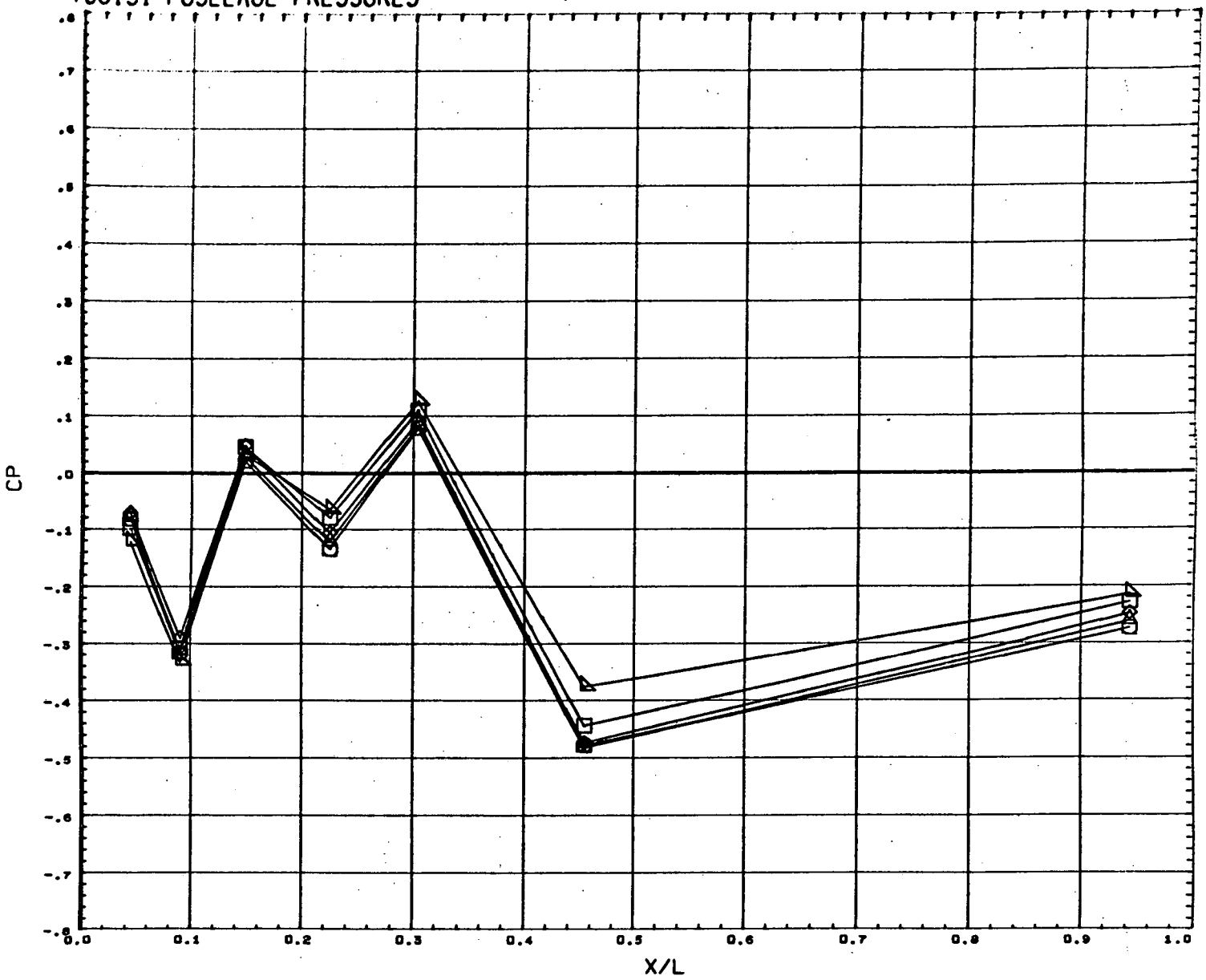
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.595
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



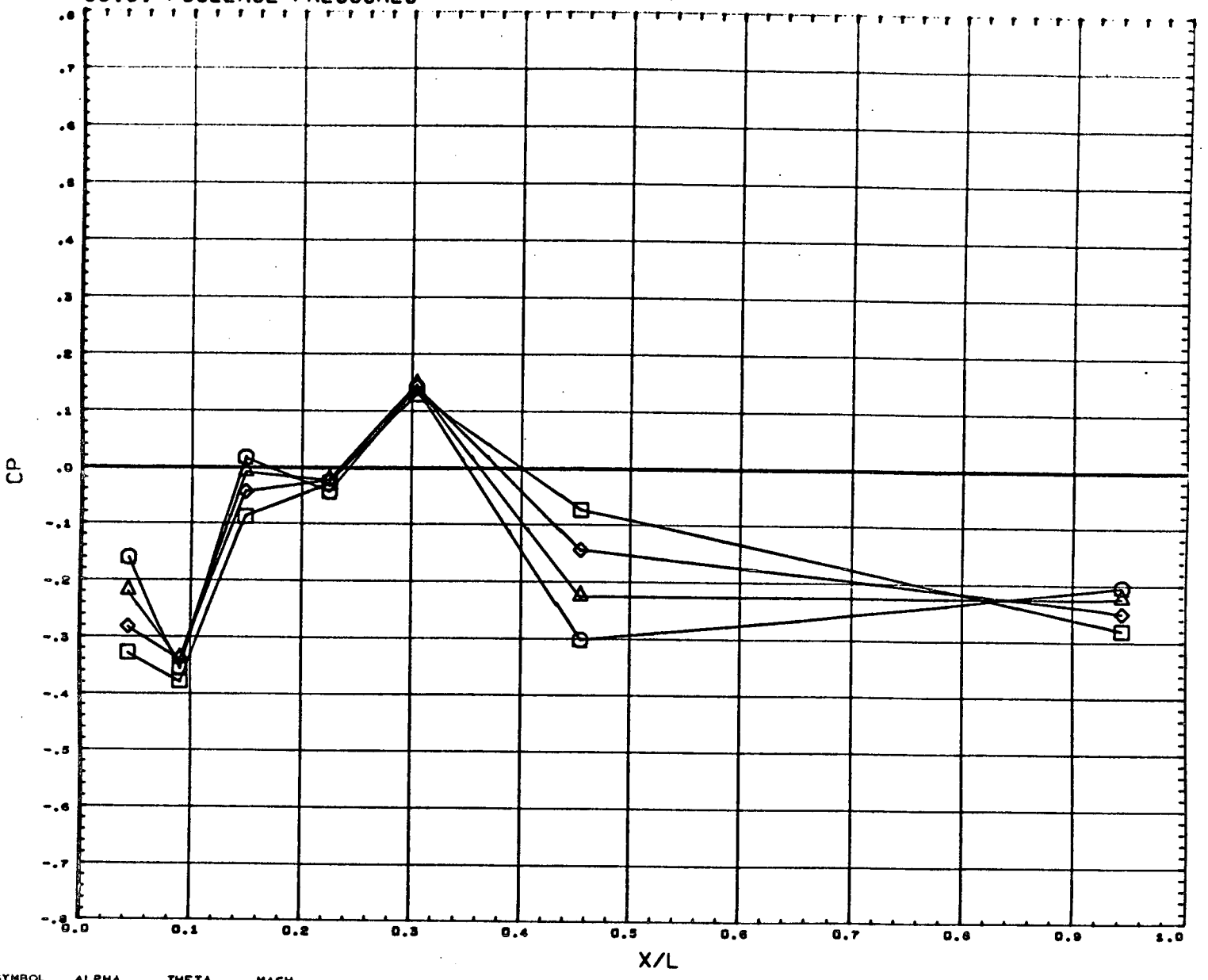
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.897
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



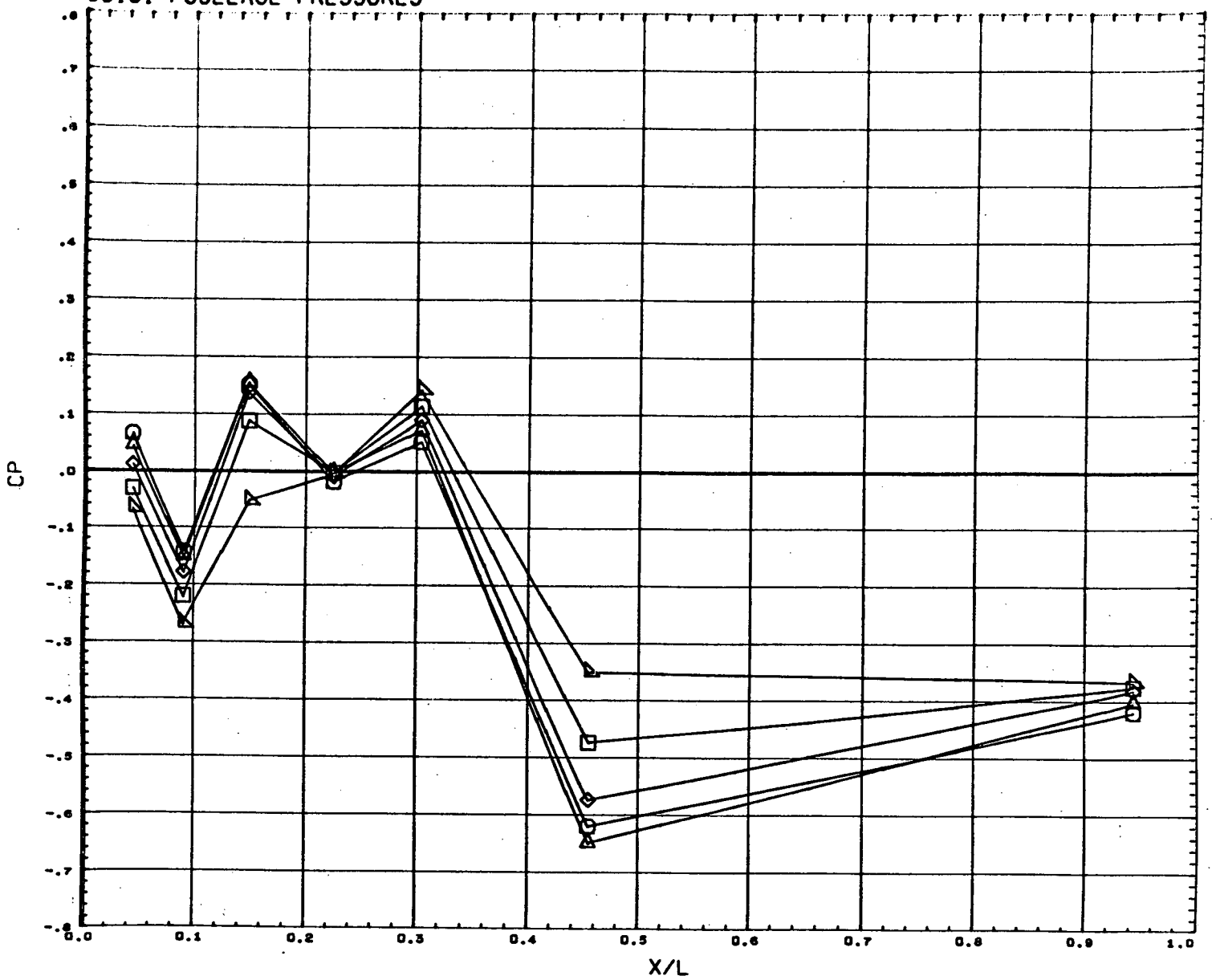
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.897
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.003
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◇	4.000		
□	2.000		
◸	0.000		

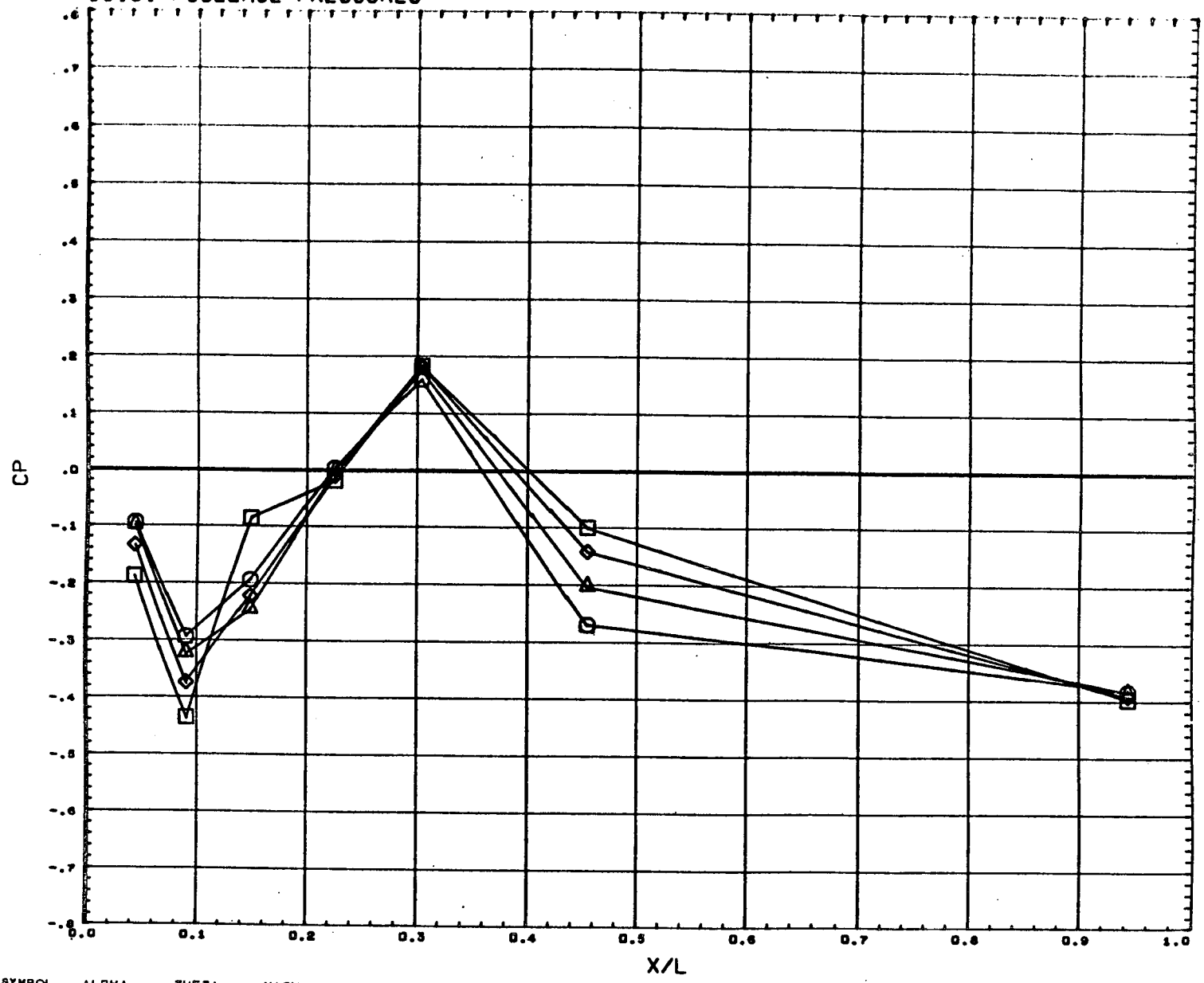
REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

B

T301S1 FUSELAGE PRESSURES



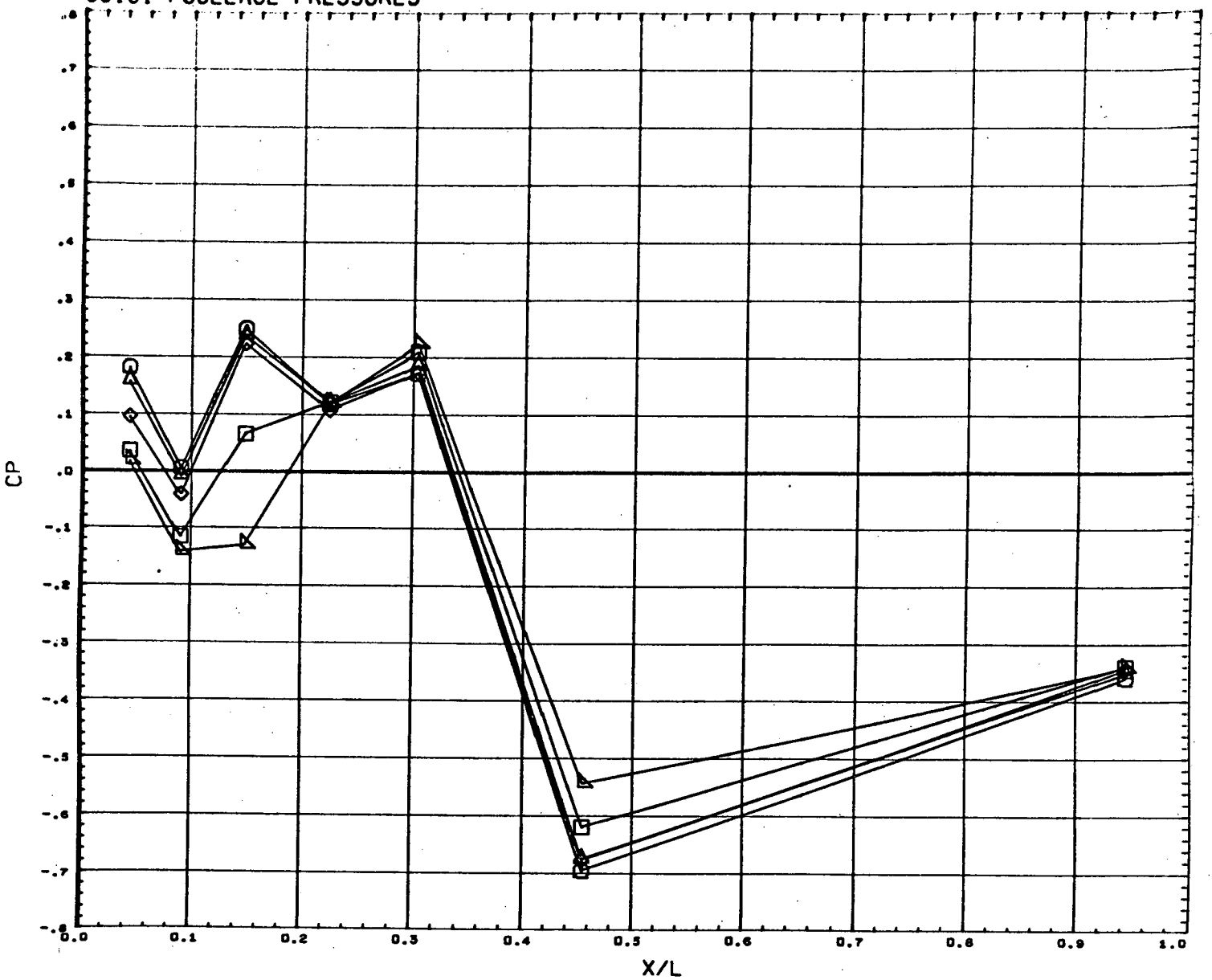
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.003
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



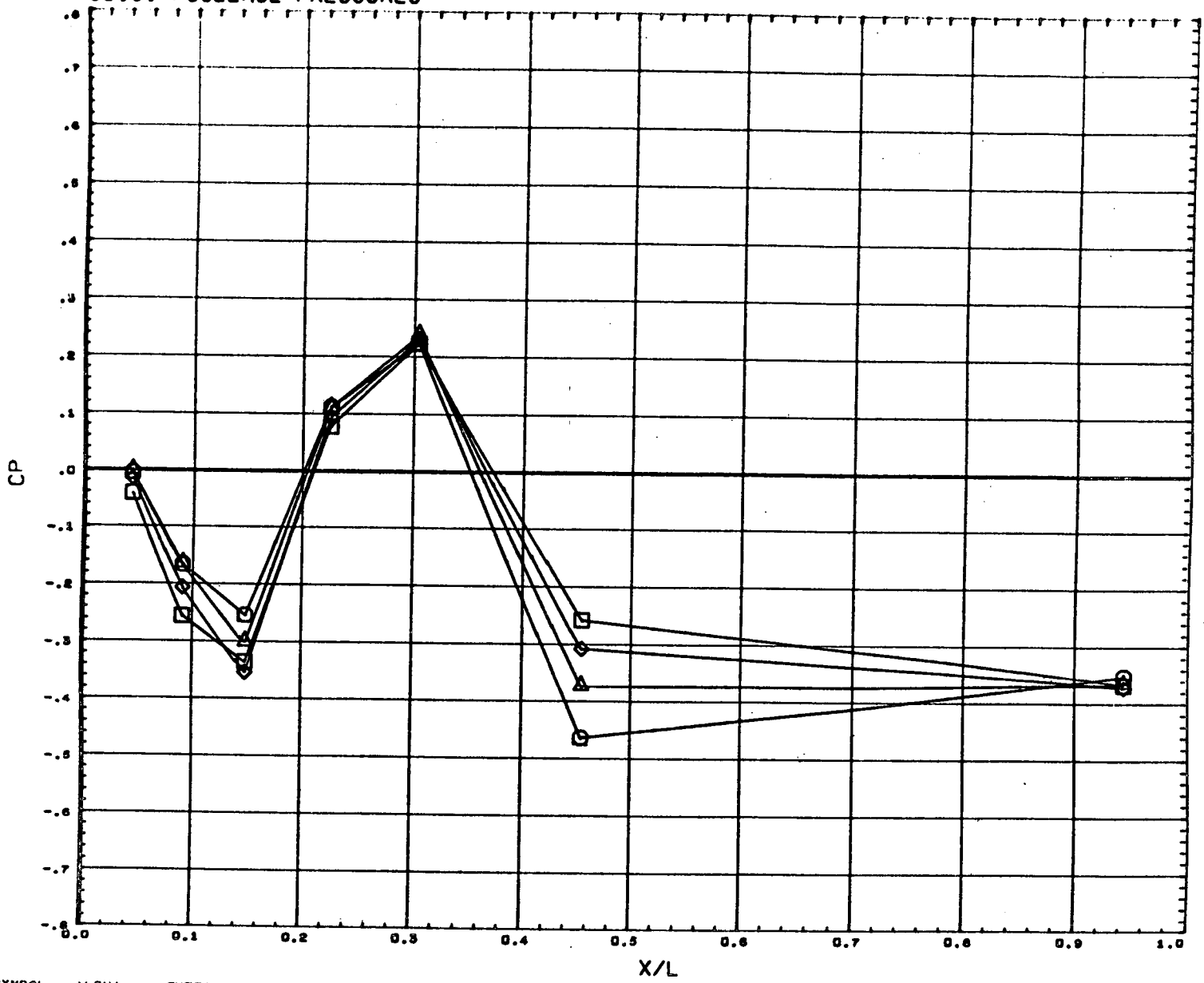
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.107
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



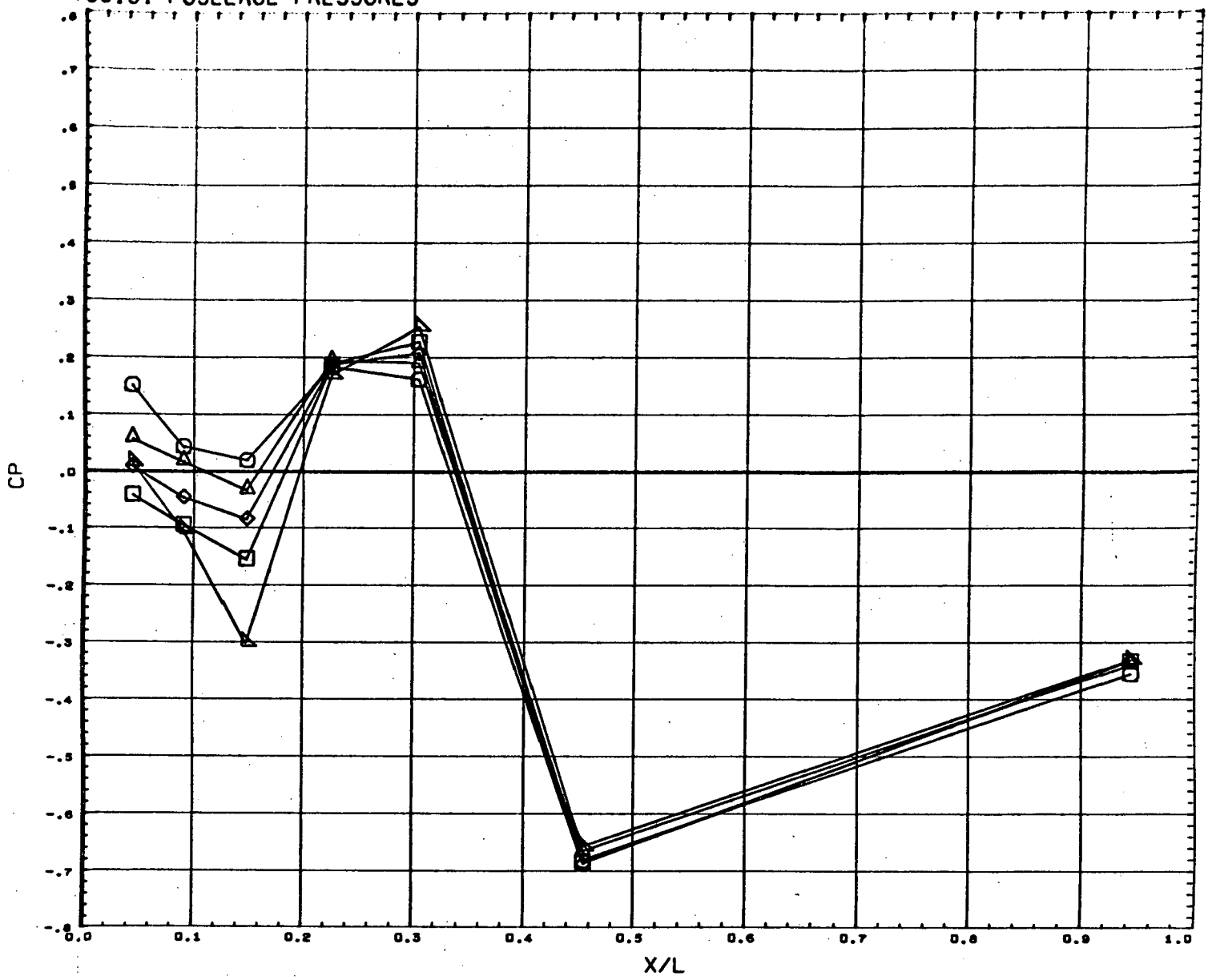
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.107
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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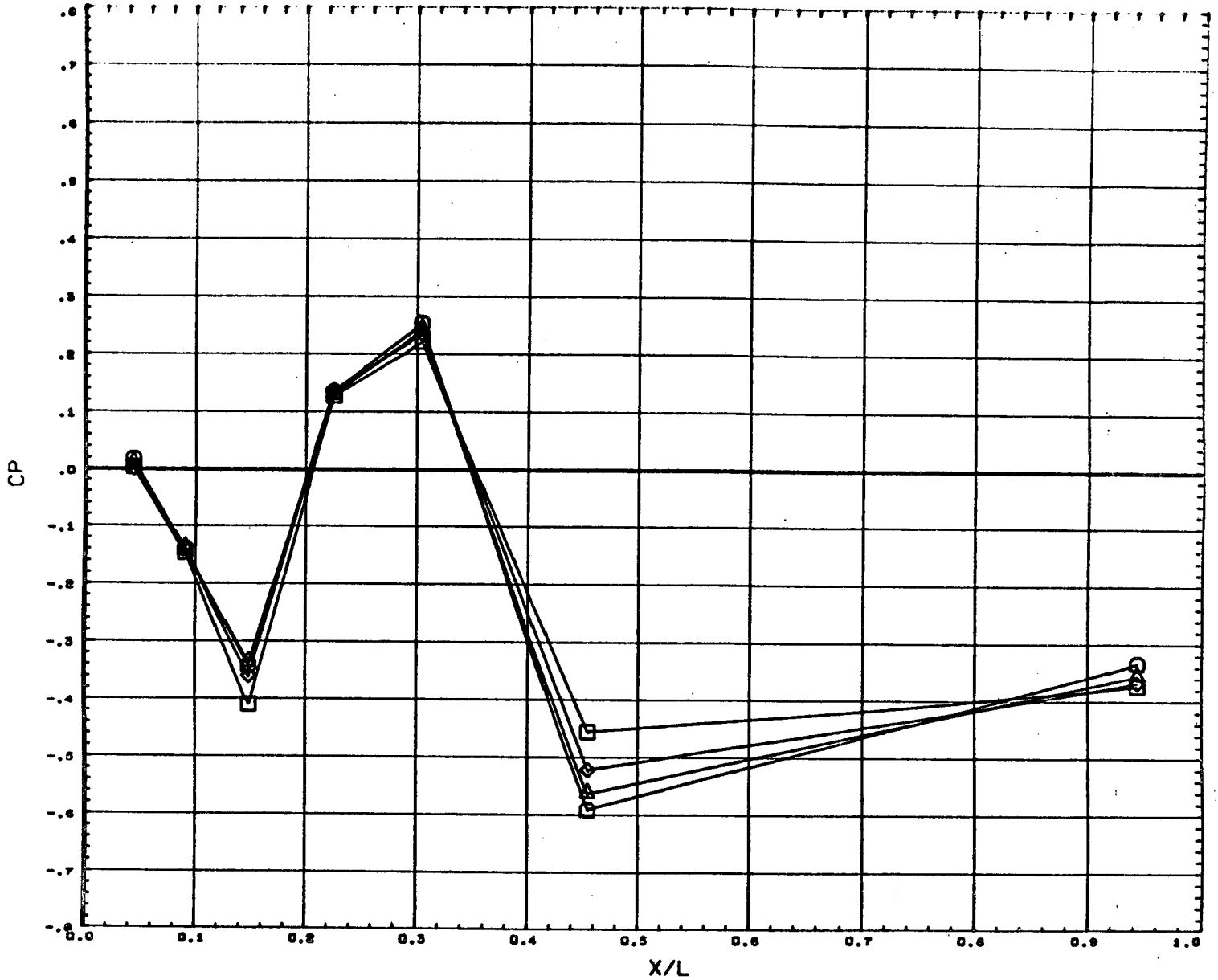
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



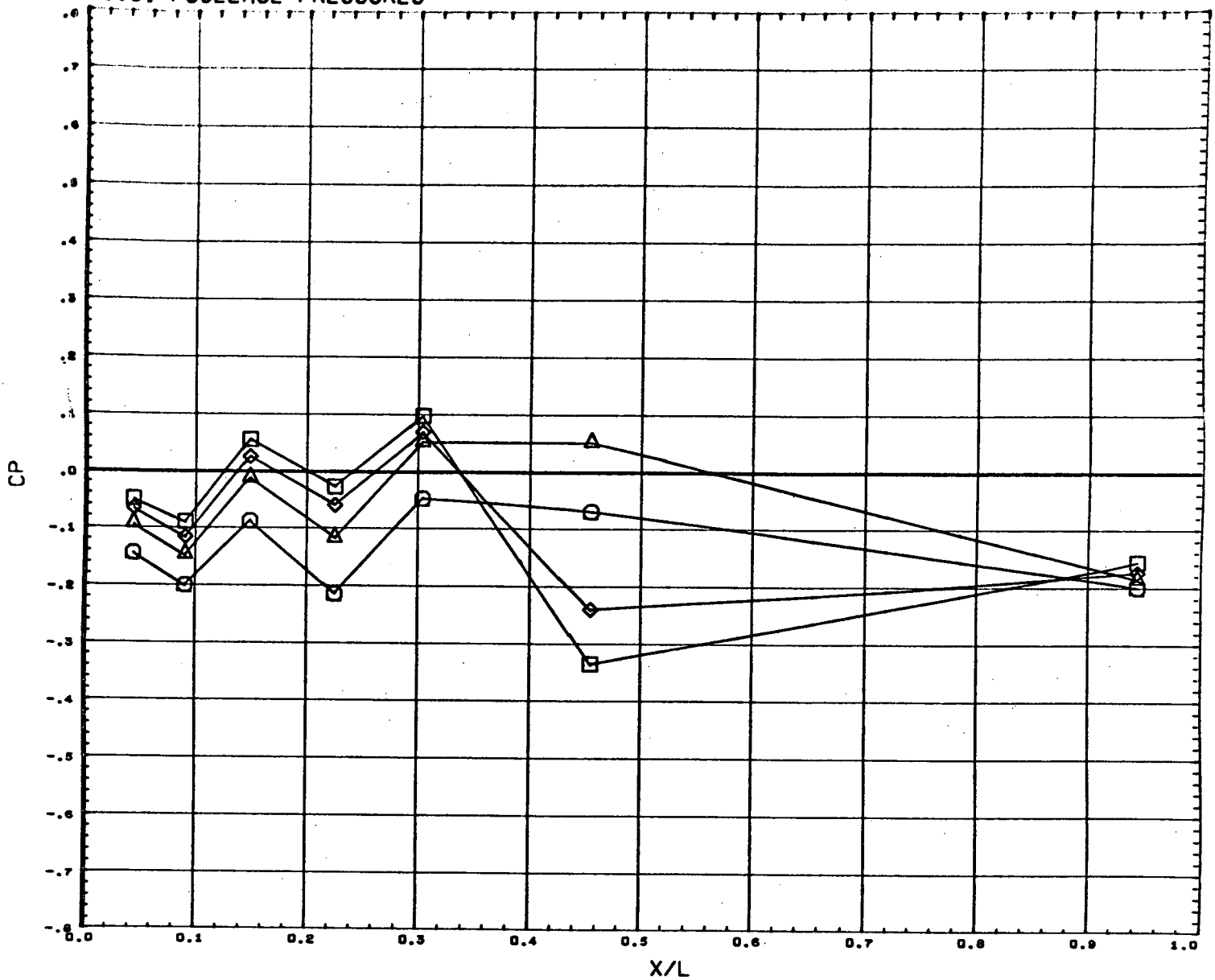
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.203
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



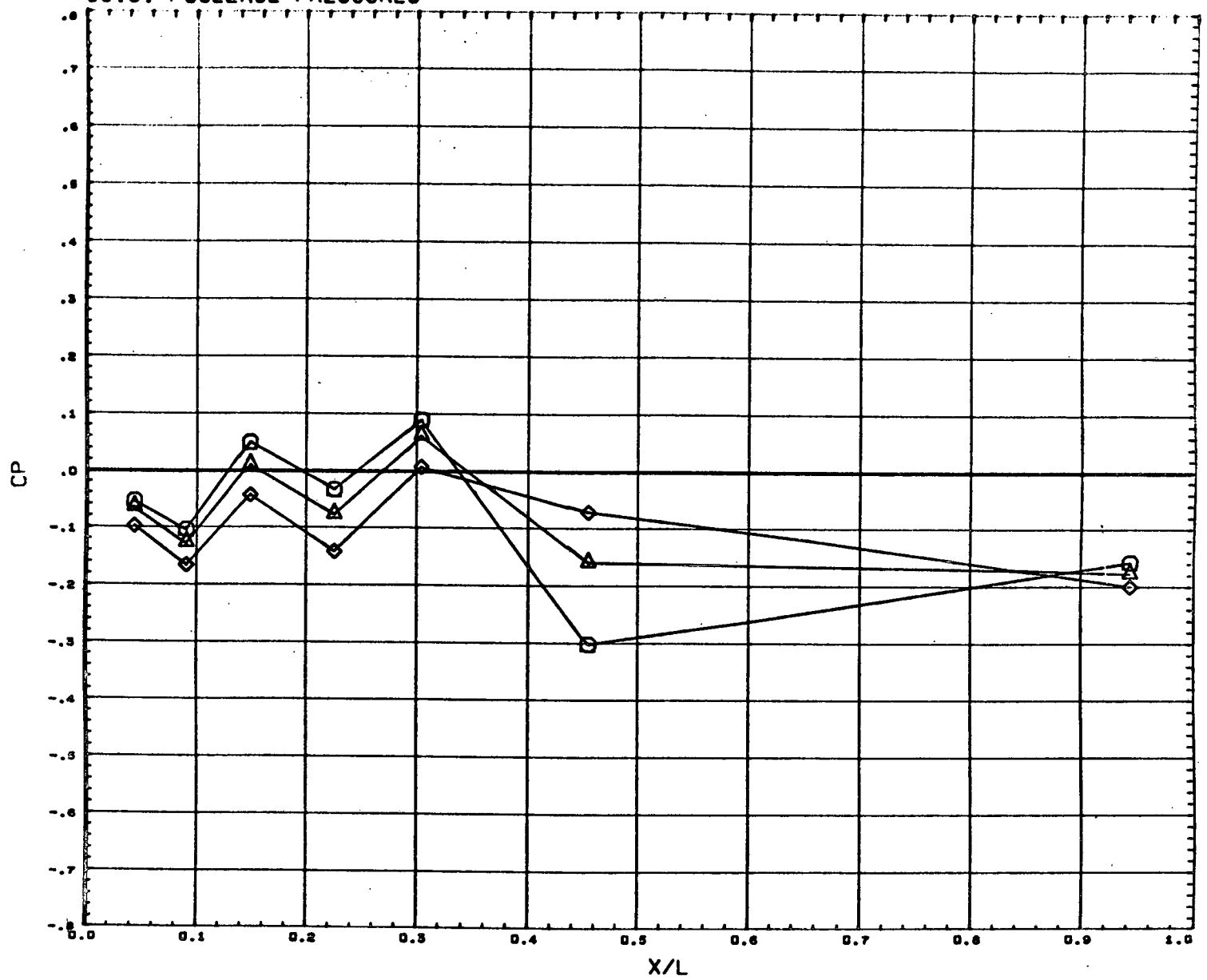
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	0.596
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.596
△	4.000		
◇	6.000		

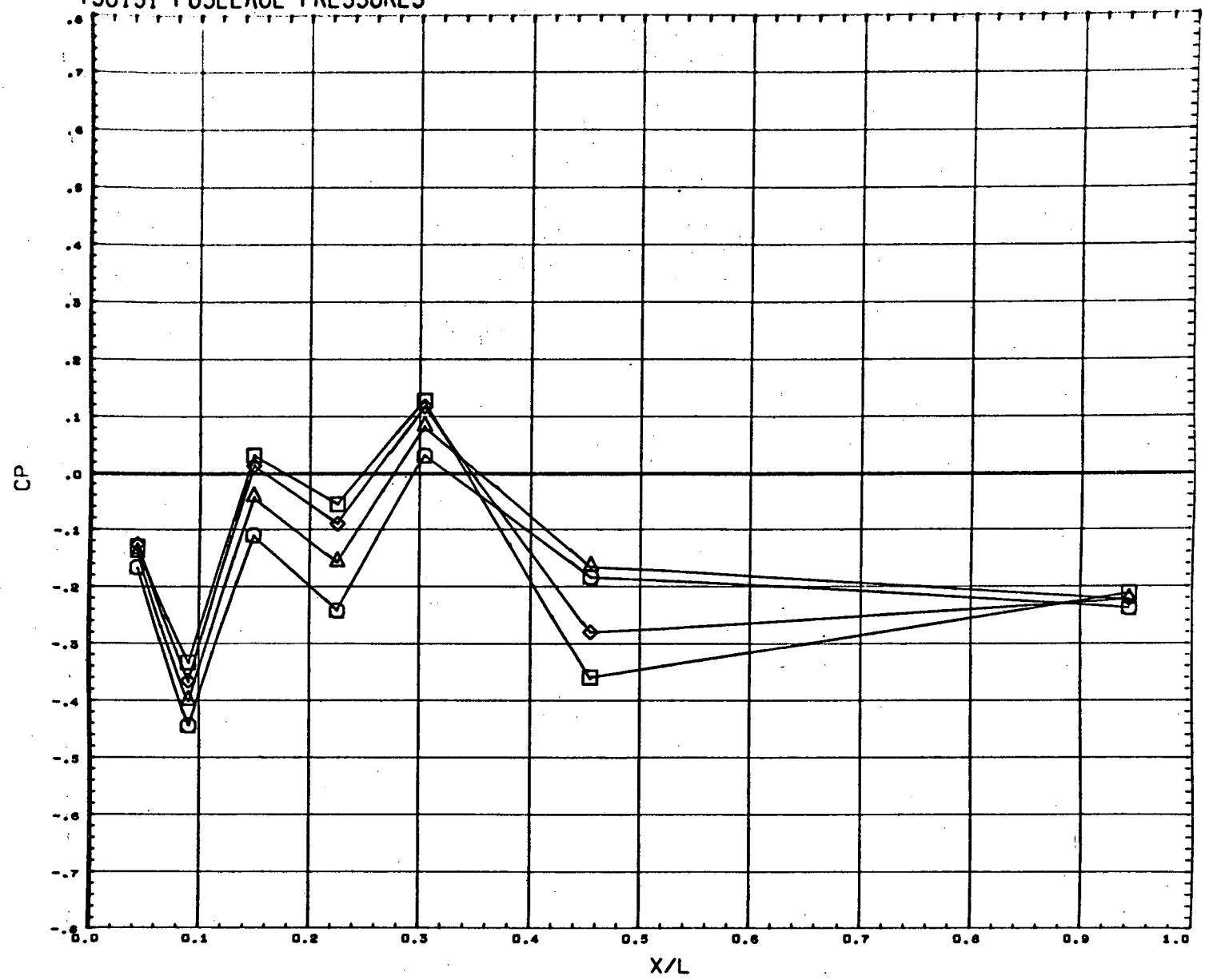
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73014)

T301S1 FUSELAGE PRESSURES



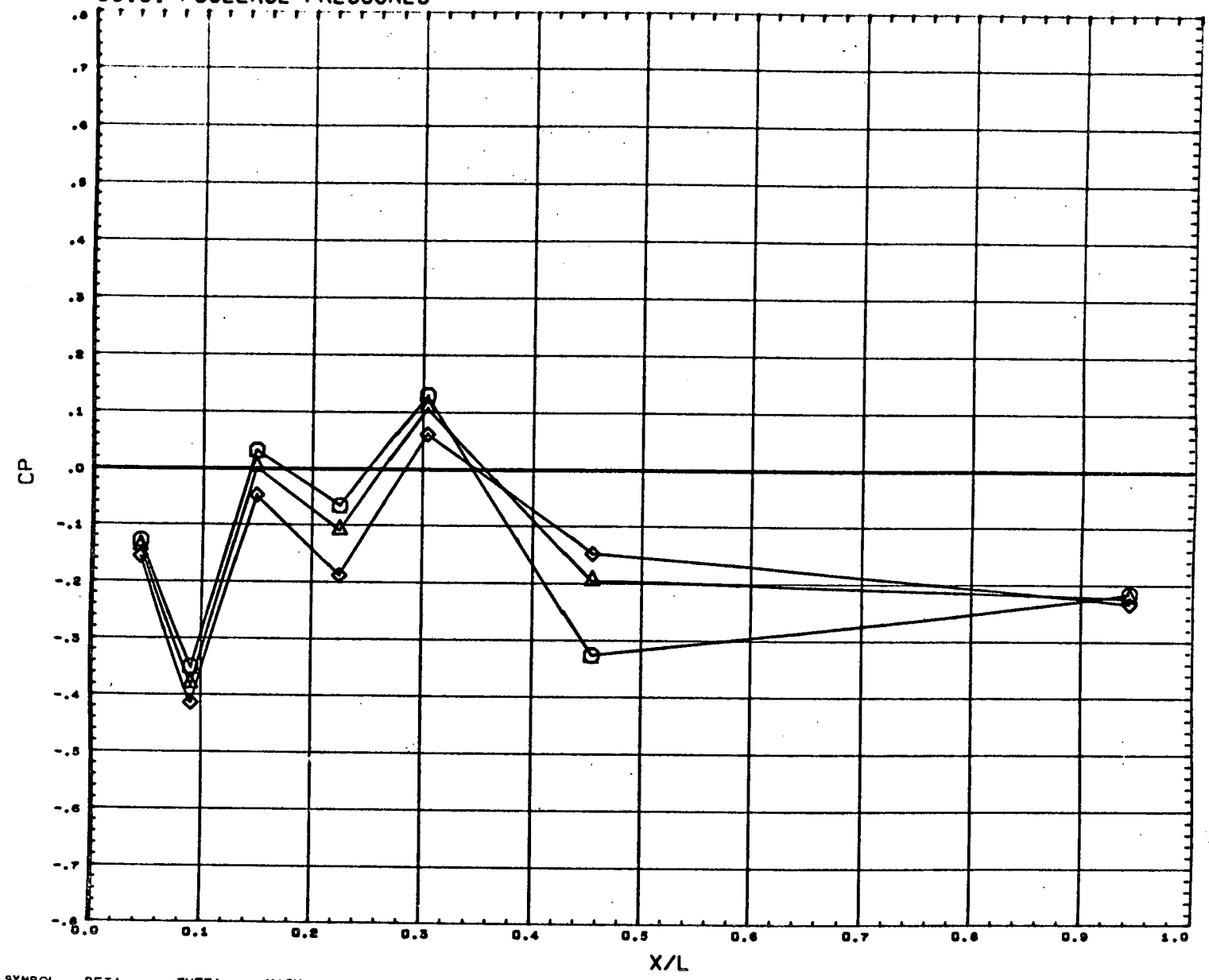
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	0.899
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



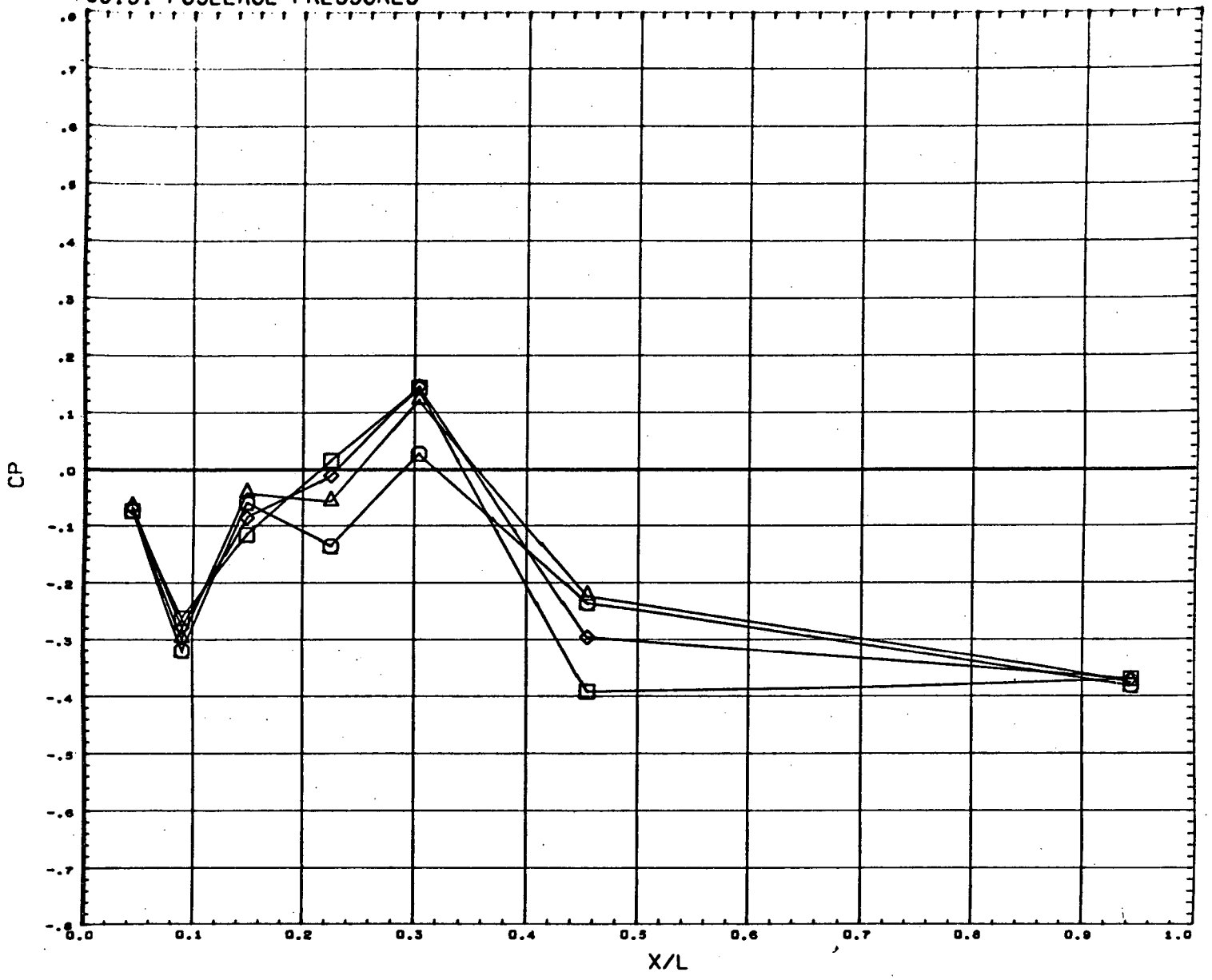
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.899
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
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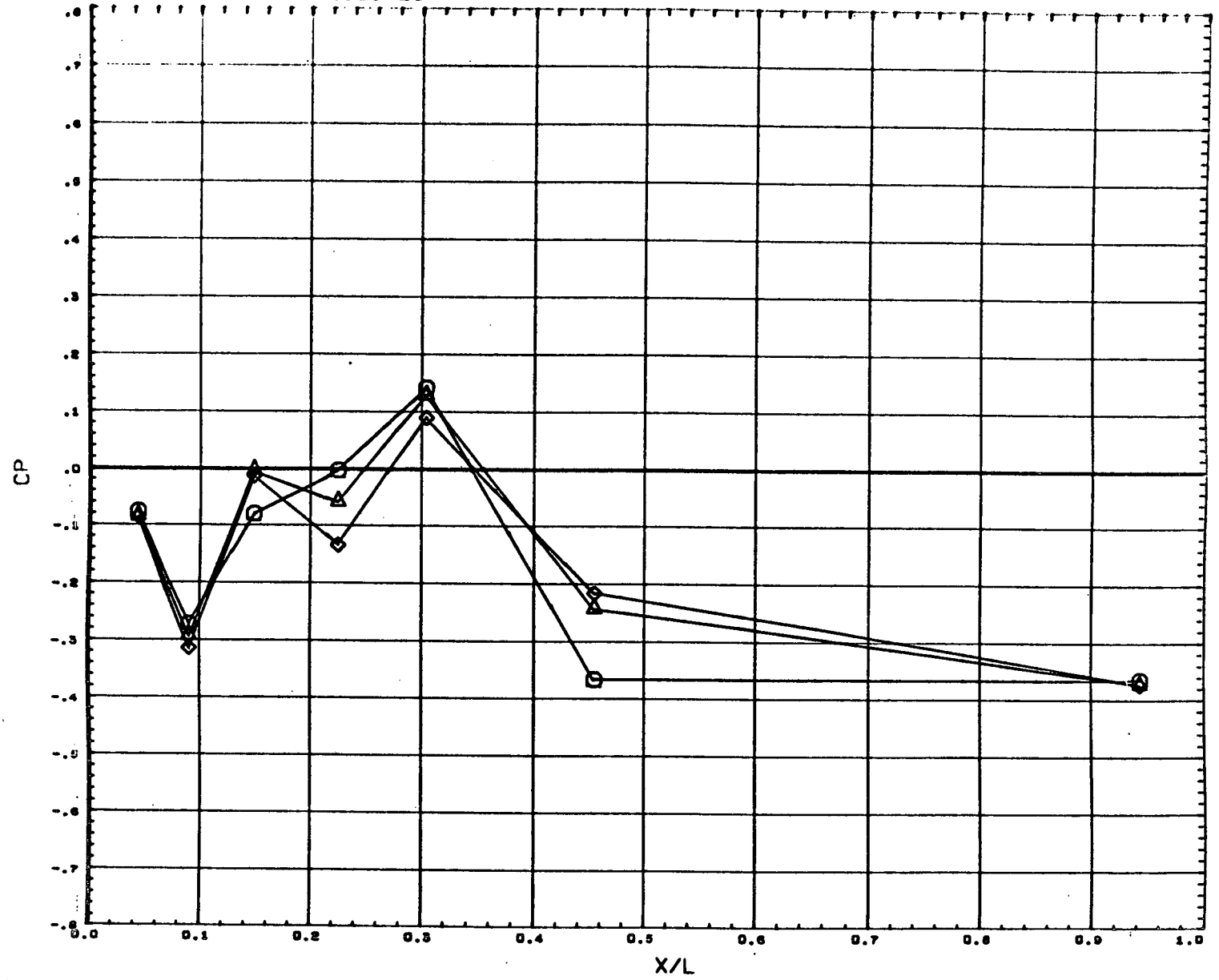
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



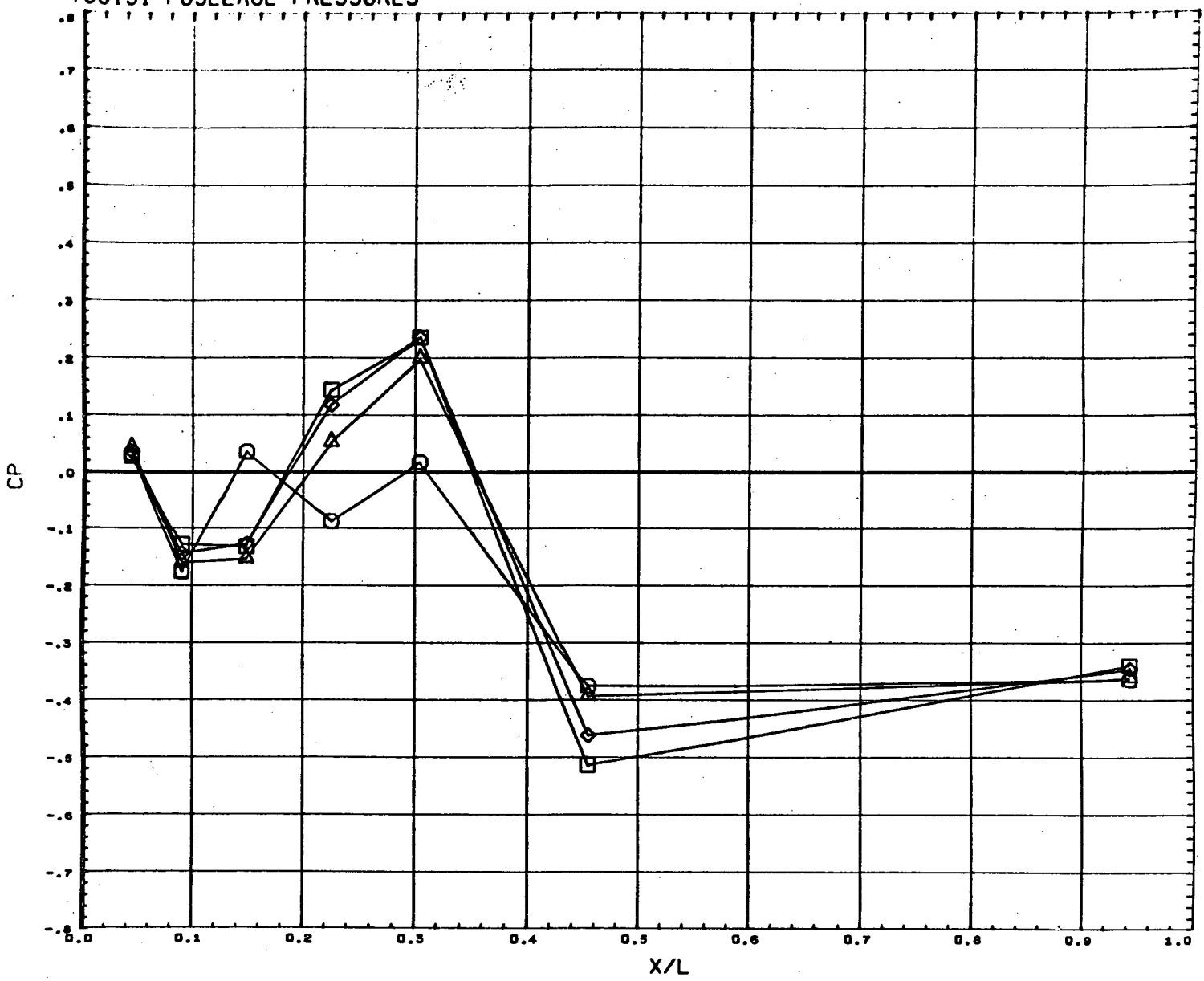
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.003
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



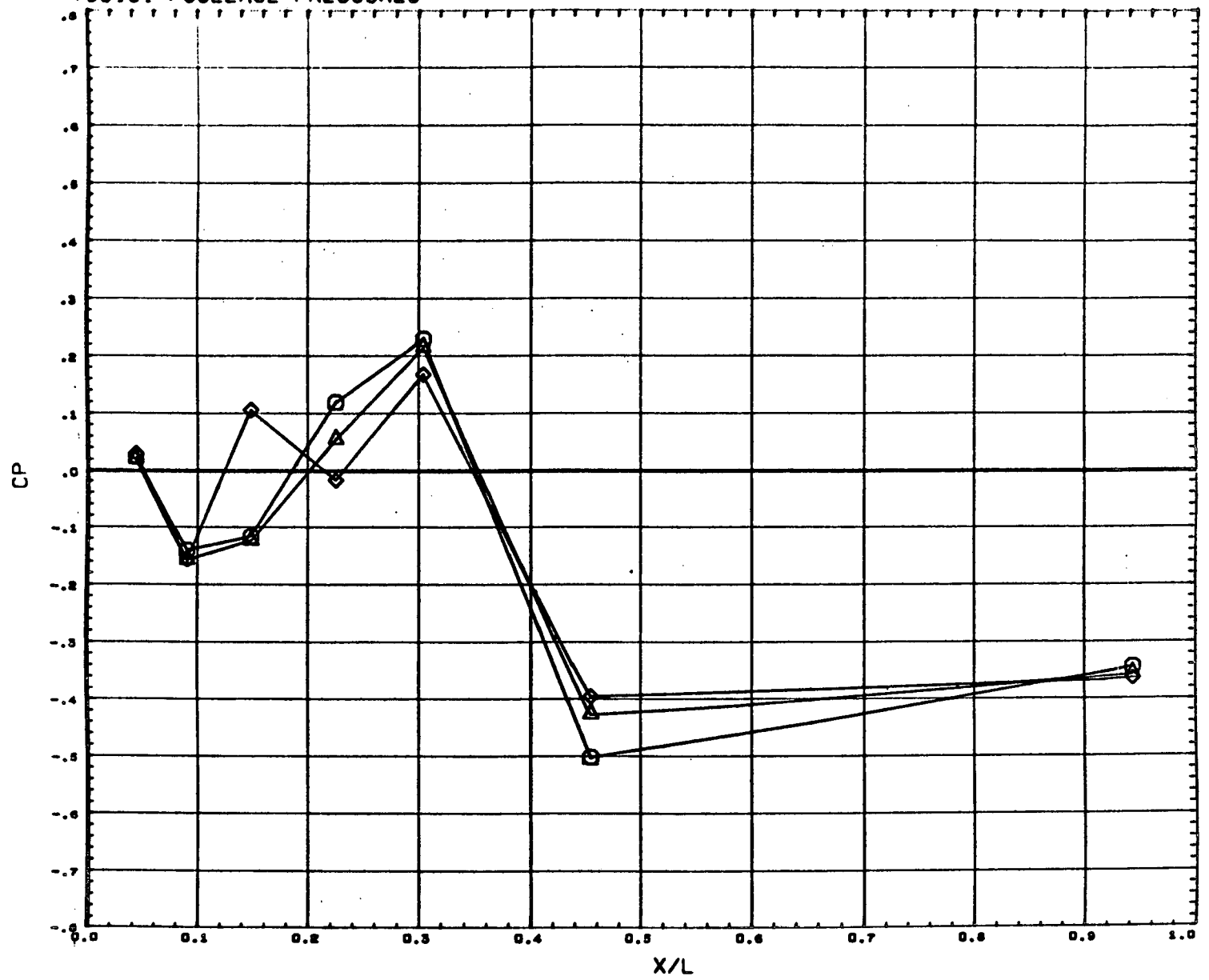
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.100
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.100
△	4.000		
◇	6.000		

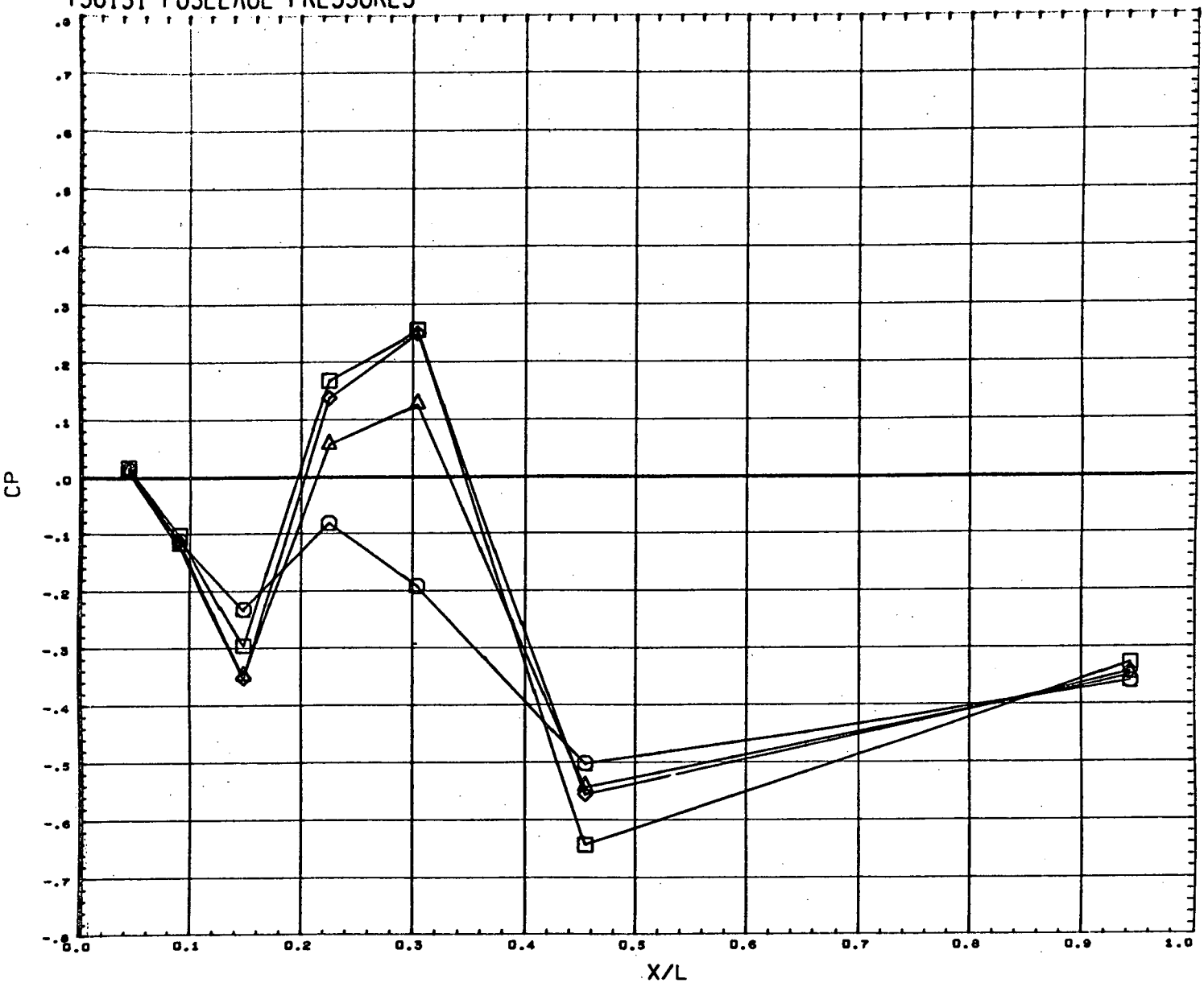
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73014)

T301S1 FUSELAGE PRESSURES



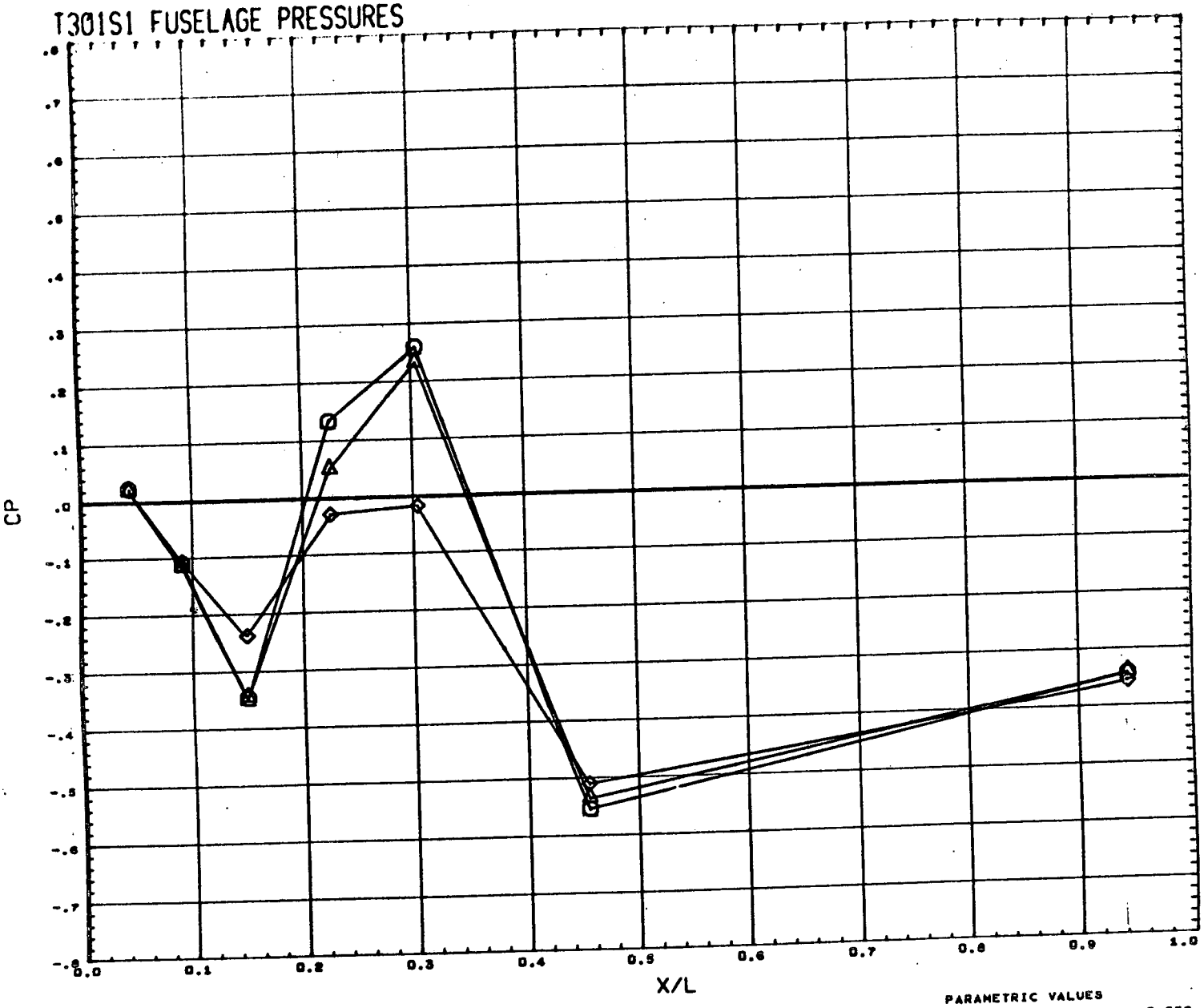
SYMBOL		BETA	THETA	MACH
○	-	6.000	0.000	1.199
△	-	4.000		
◇	-	2.000		
□		0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.199
△	4.000		
◇	6.000		

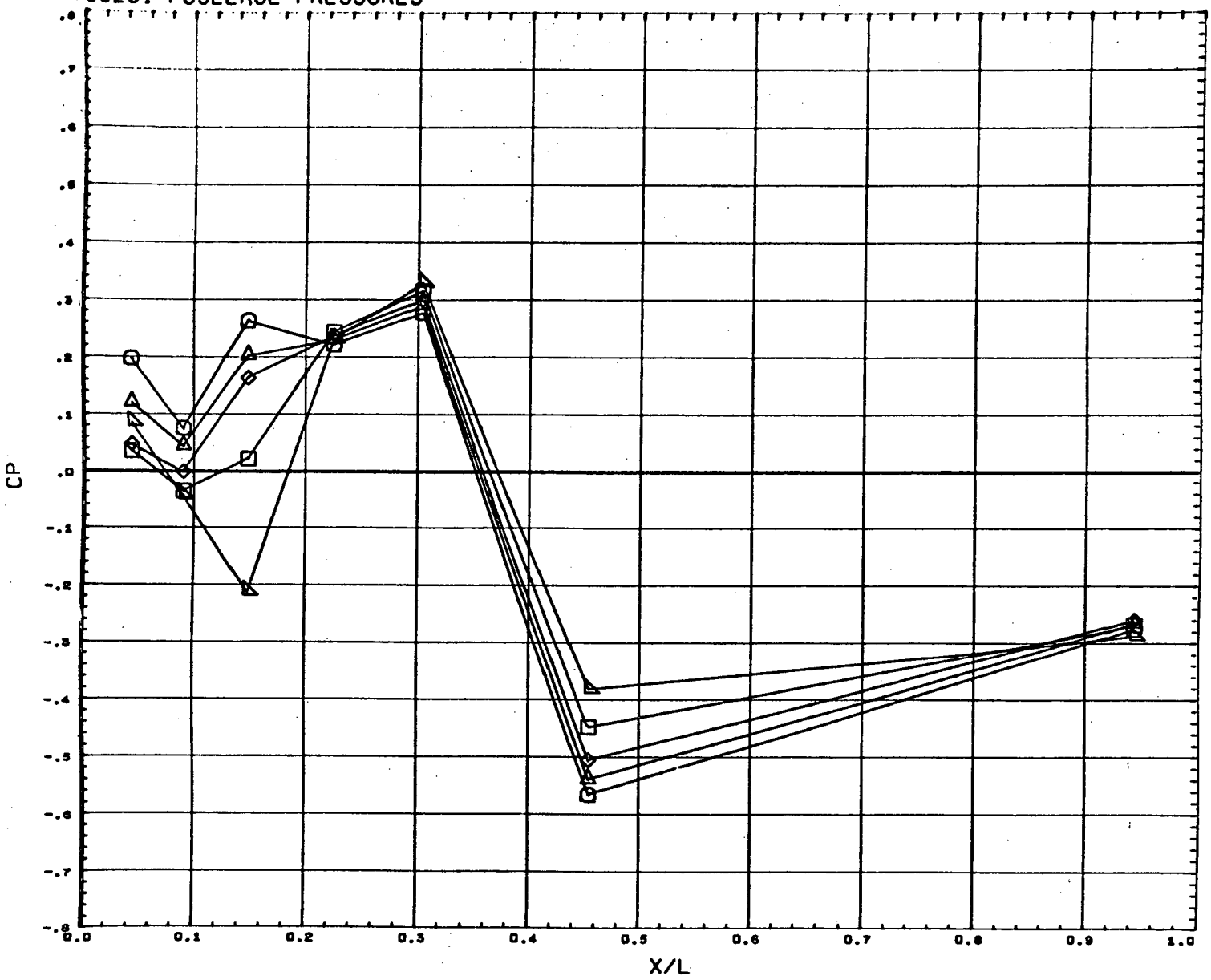
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73014)

T302S1 FUSELAGE PRESSURES



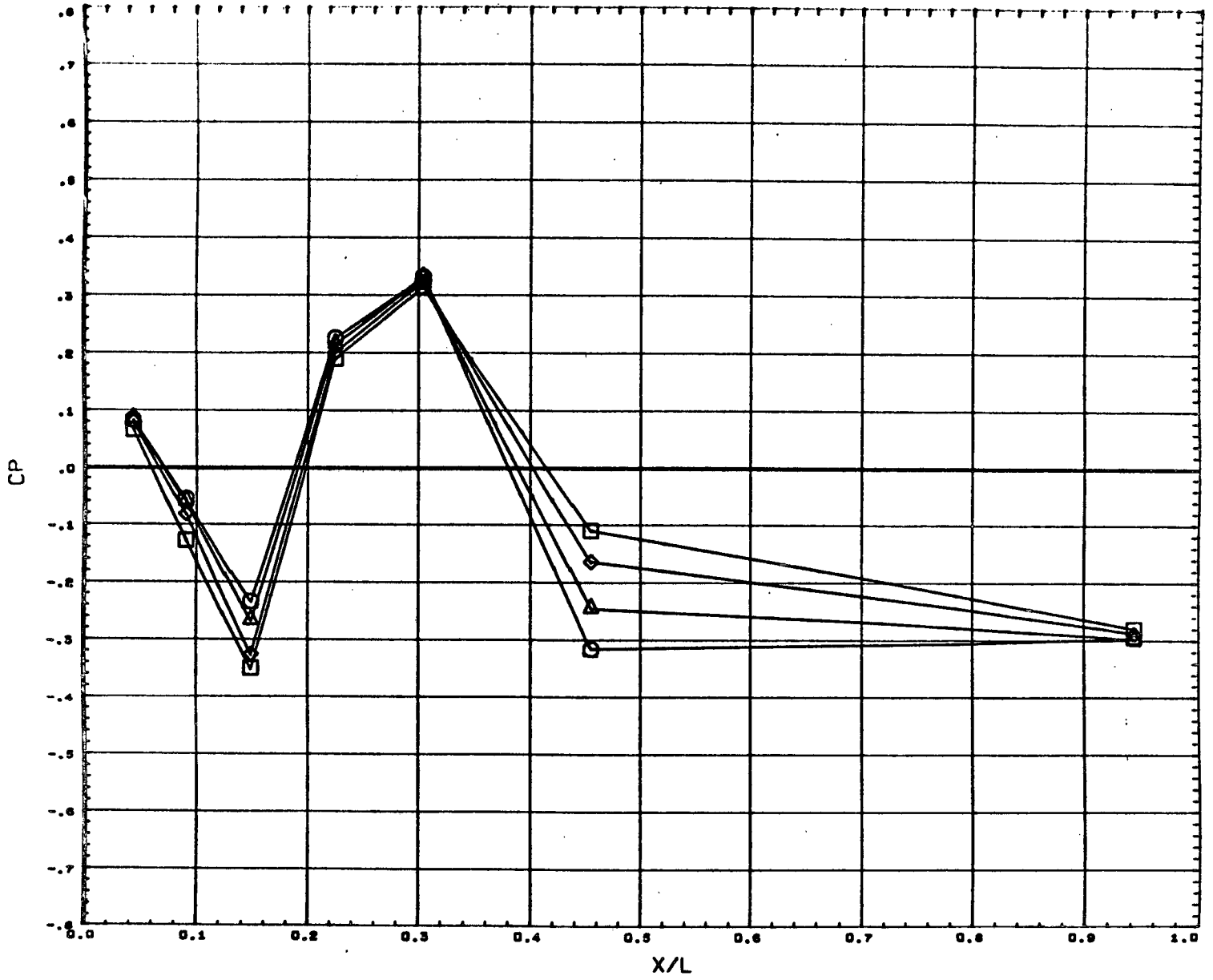
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.194
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T302S1 FUSELAGE PRESSURES



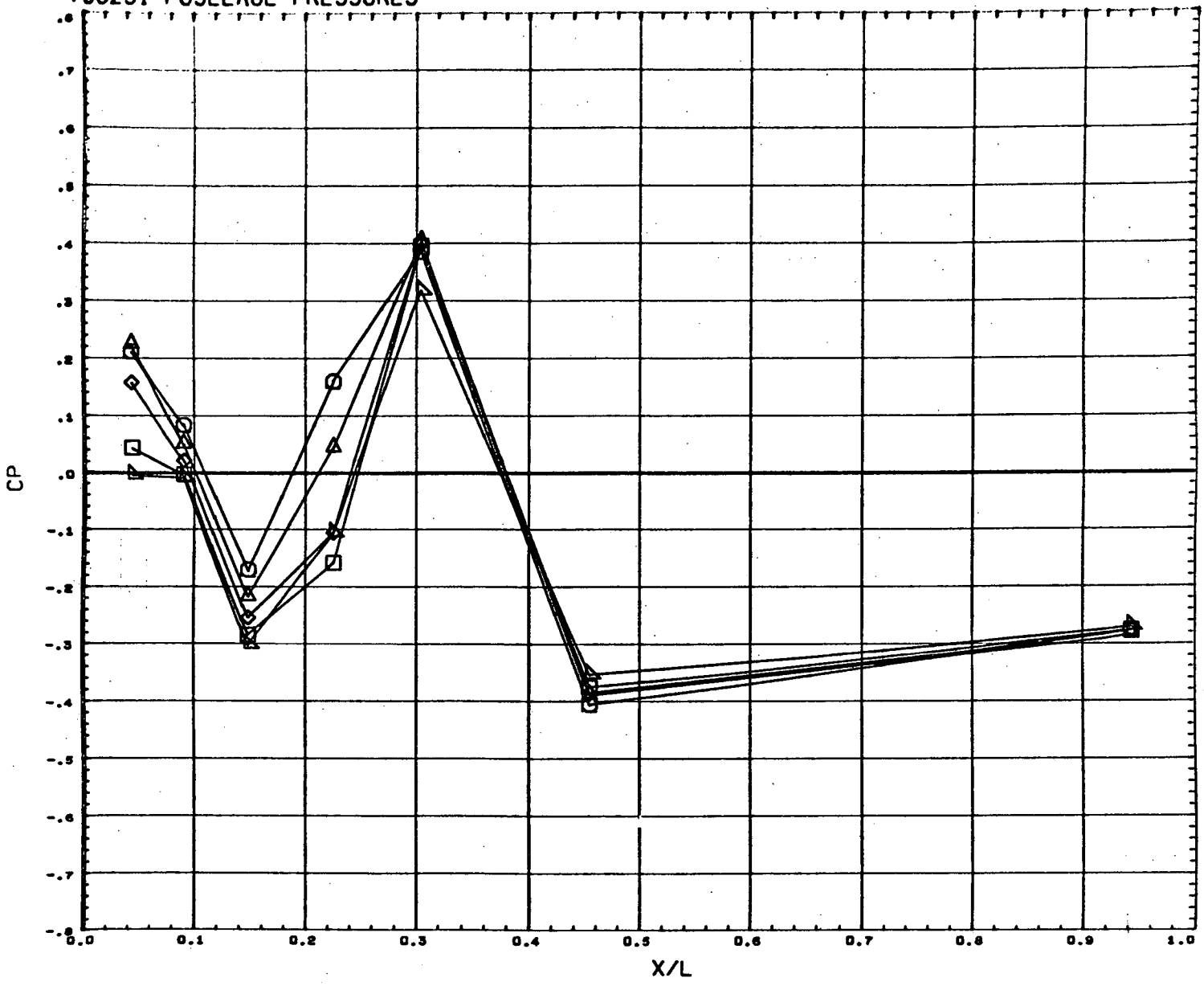
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.194
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



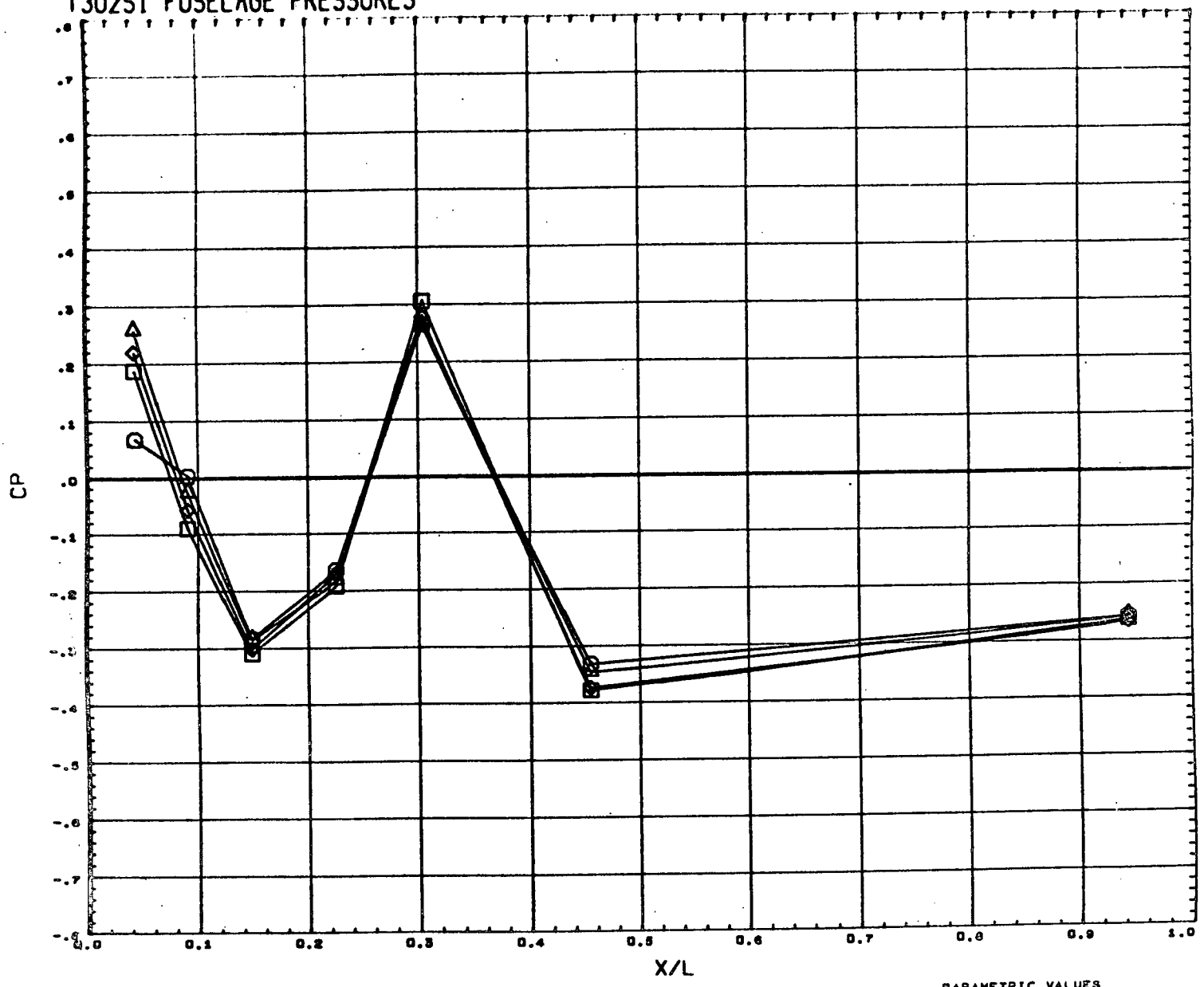
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.462
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.462
△	4.000		
◇	6.000		
□	8.000		

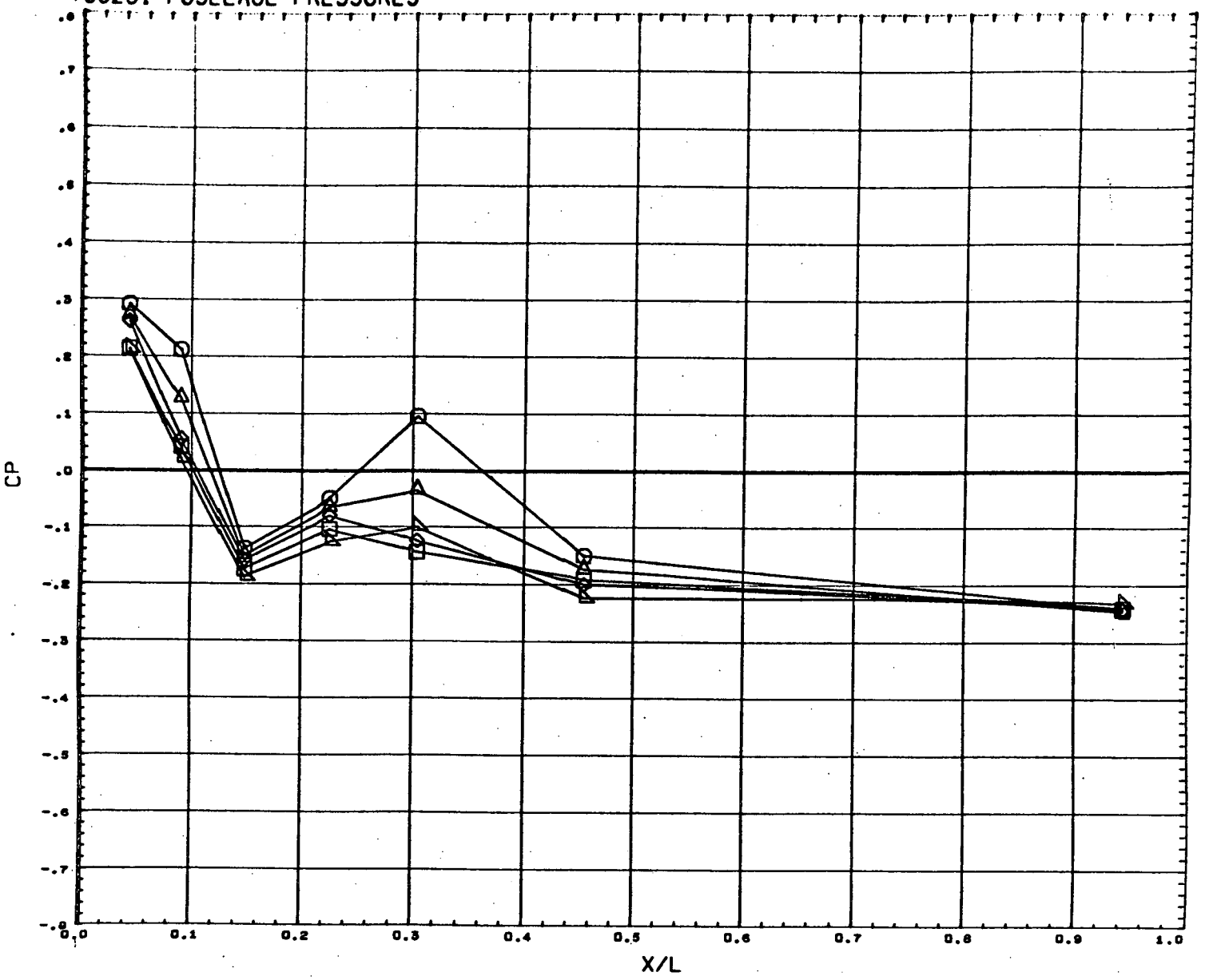
PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73015)

T302S1 FUSELAGE PRESSURES



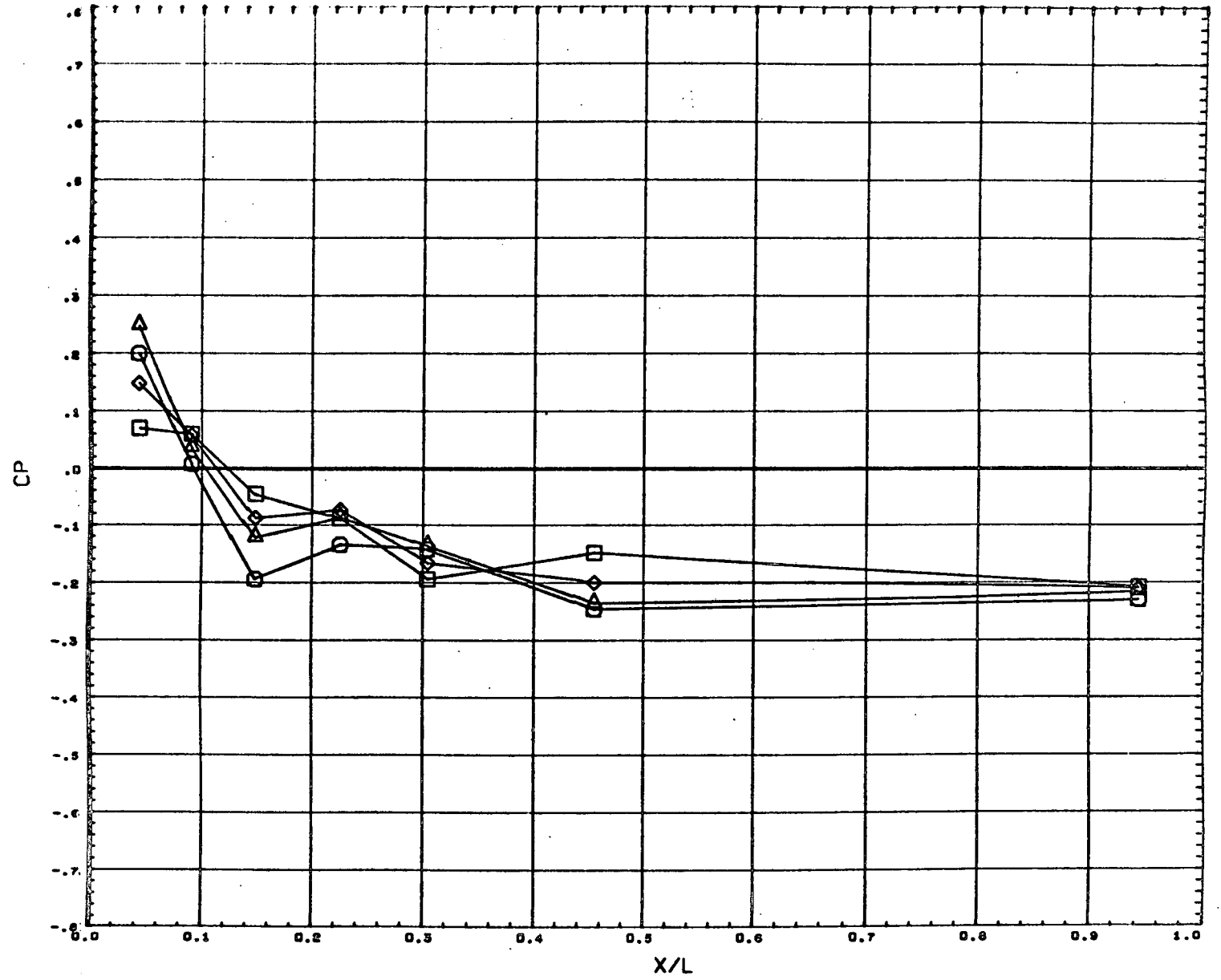
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.952
△	6.000		
◇	4.000		
□	2.000		
	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

T302S1 FUSELAGE PRESSURES



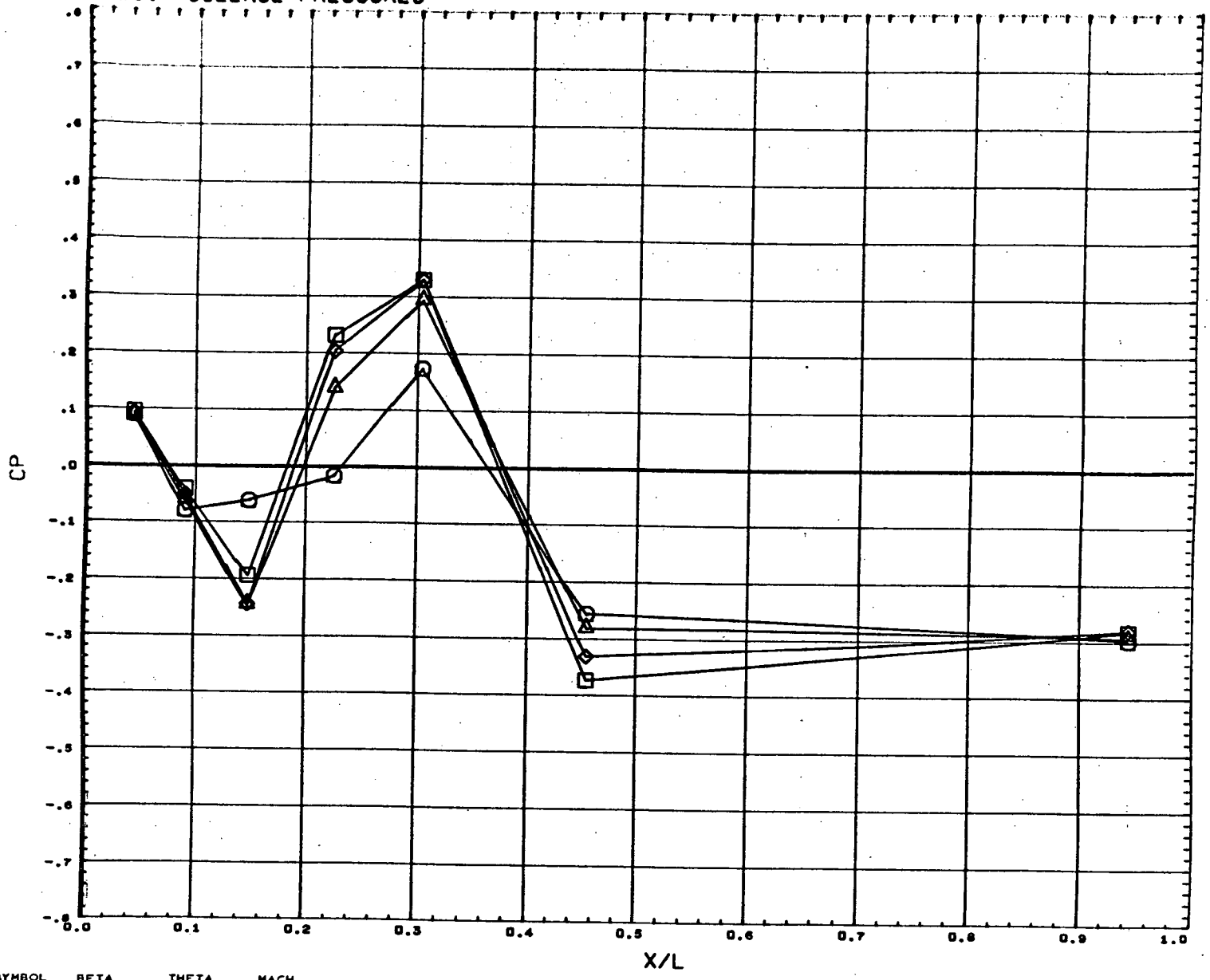
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.952
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



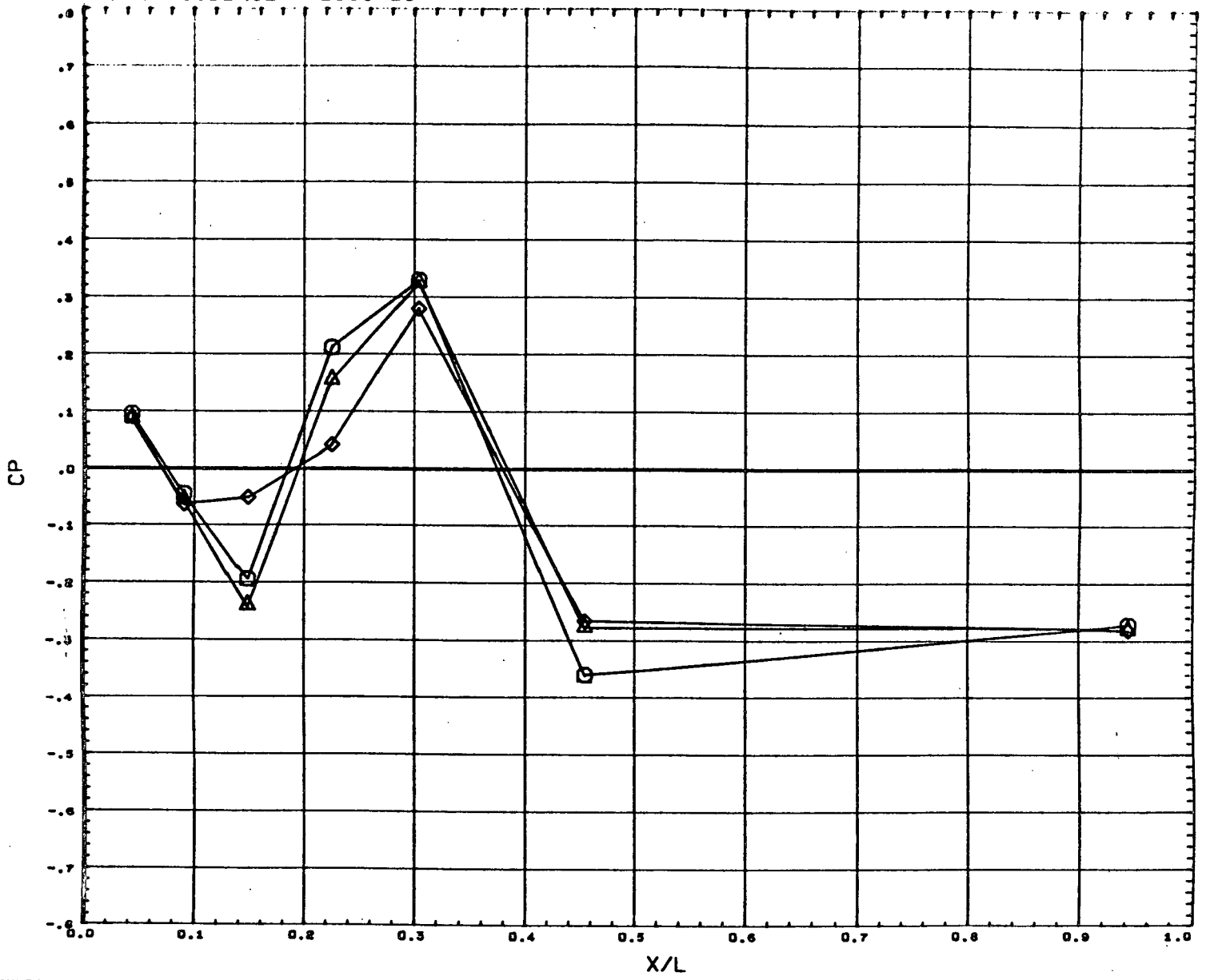
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.194
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T302S1 FUSELAGE PRESSURES



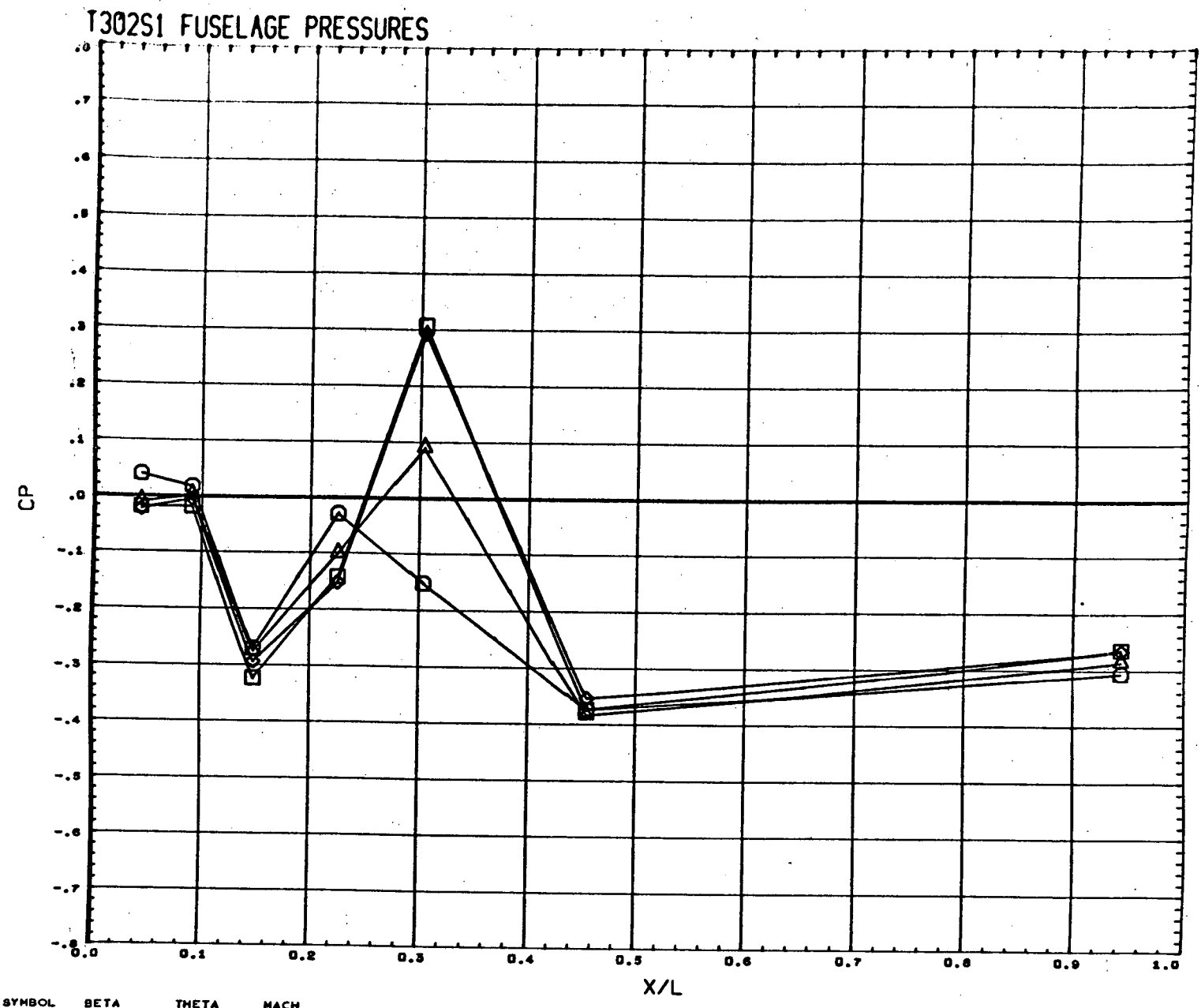
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73016)


T302S1 FUSELAGE PRESSURES
CP
X/L
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.7
.6
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-.2
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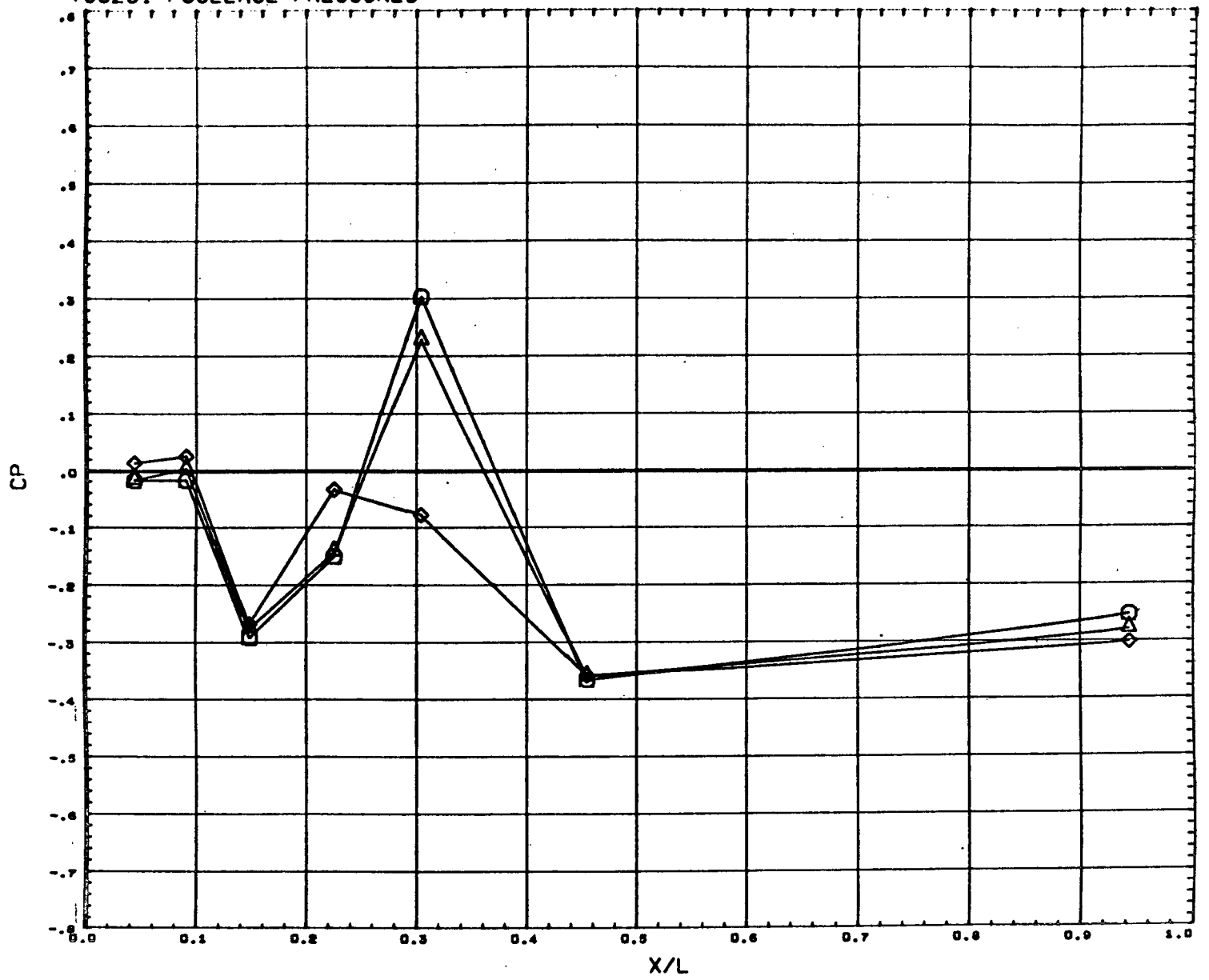
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
SYMBOL BETA THETA MACH
6.000 0.000 1.461
4.000
2.000
0.000
REFERENCE FILE
PARAMETRIC VALUES
ALPHA 0.000 ORBINC 0.000
PHIS 90.000

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.461
△	4.000		
◇	6.000		

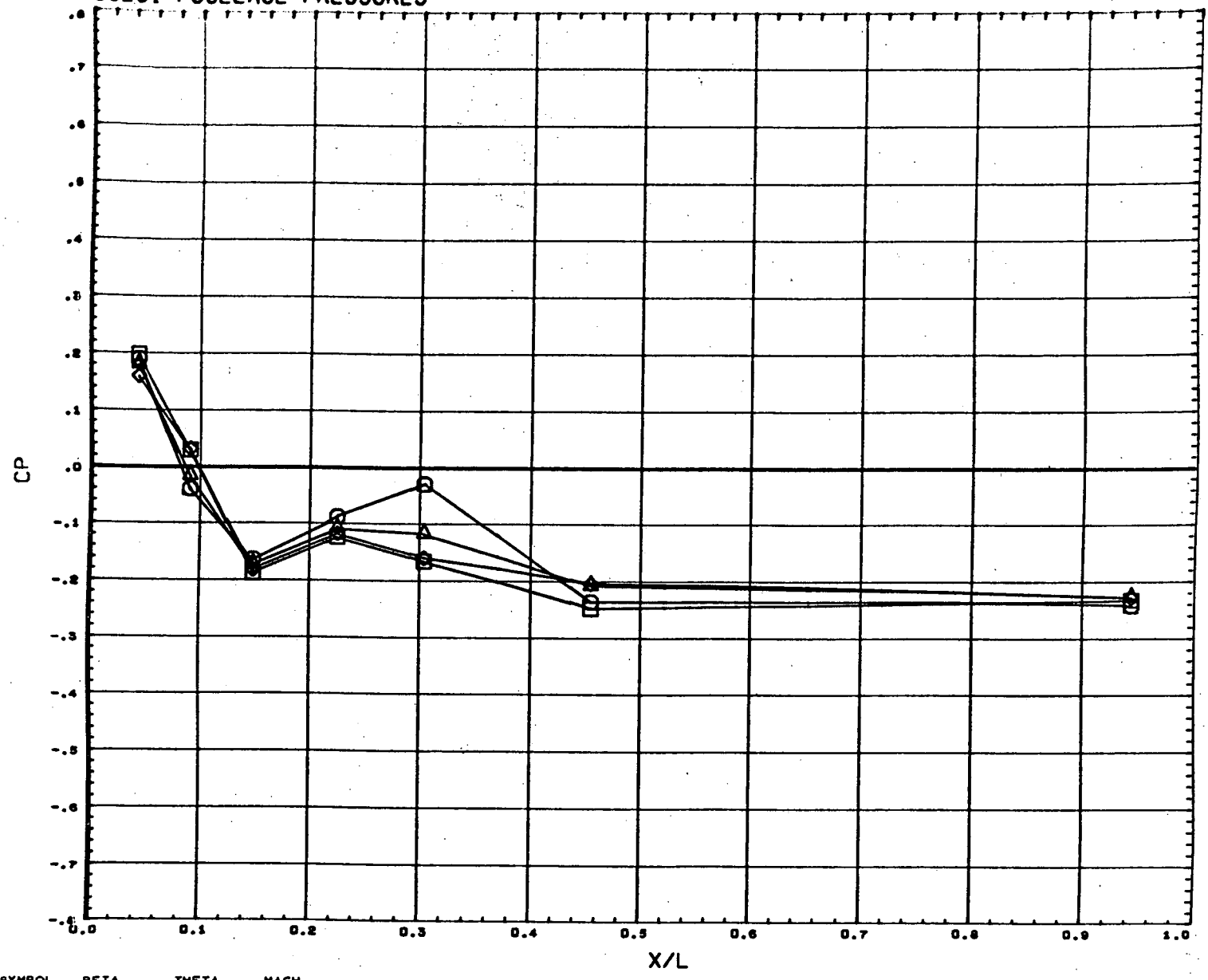
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73016)

T302S1 FUSELAGE PRESSURES



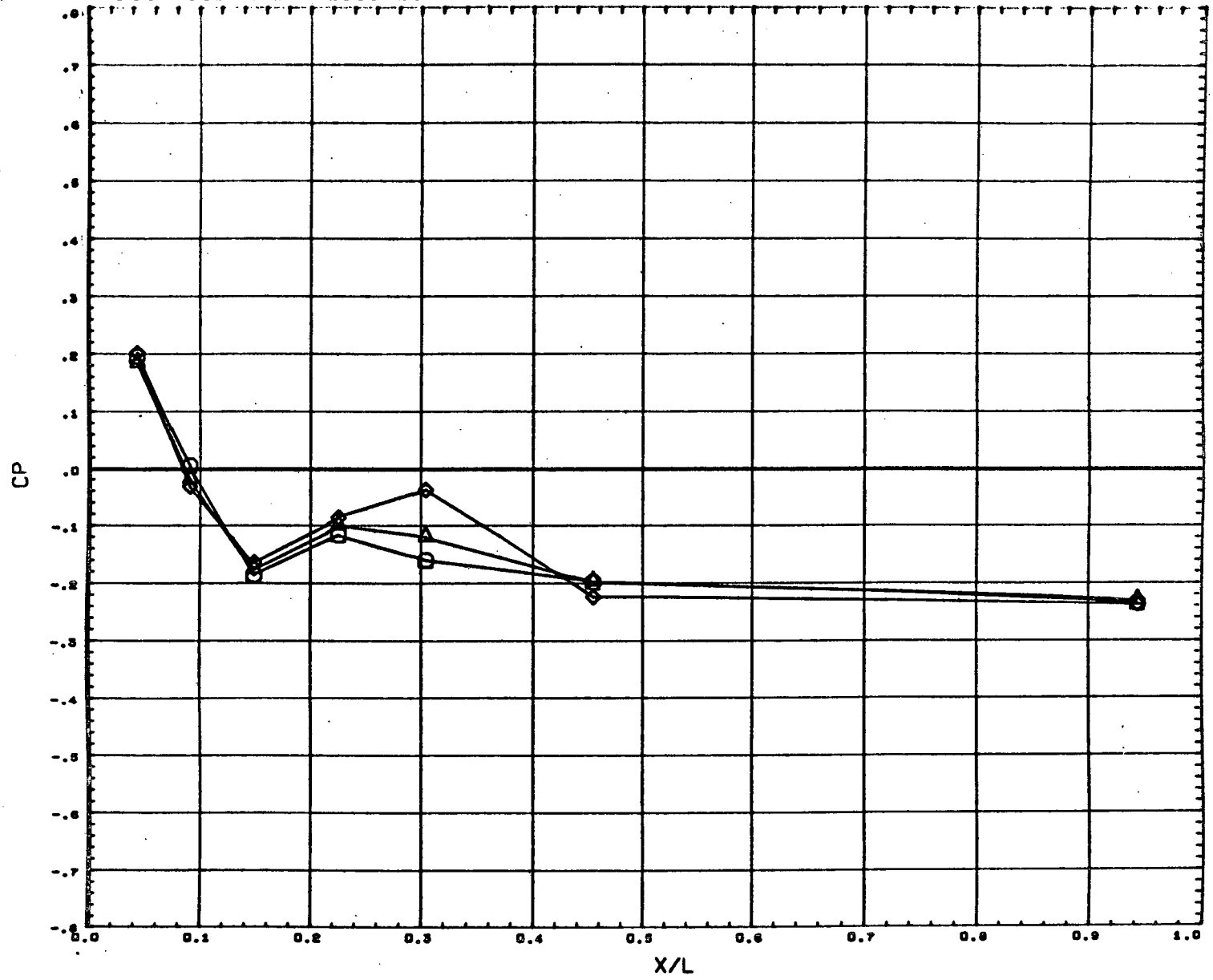
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.955
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.955
△	4.000		
◇	6.000		

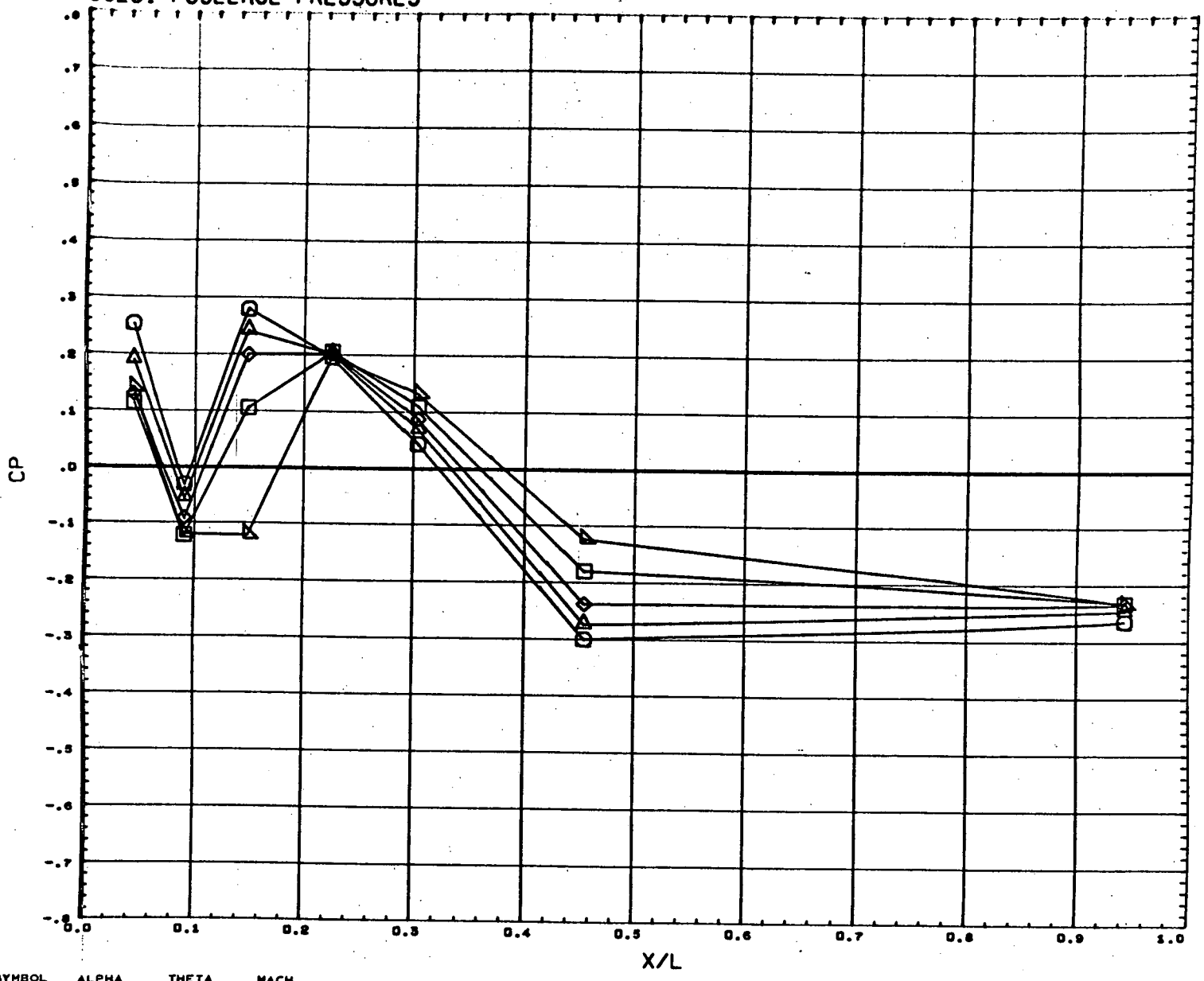
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1, FUSELAGE (A73016)

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.193
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

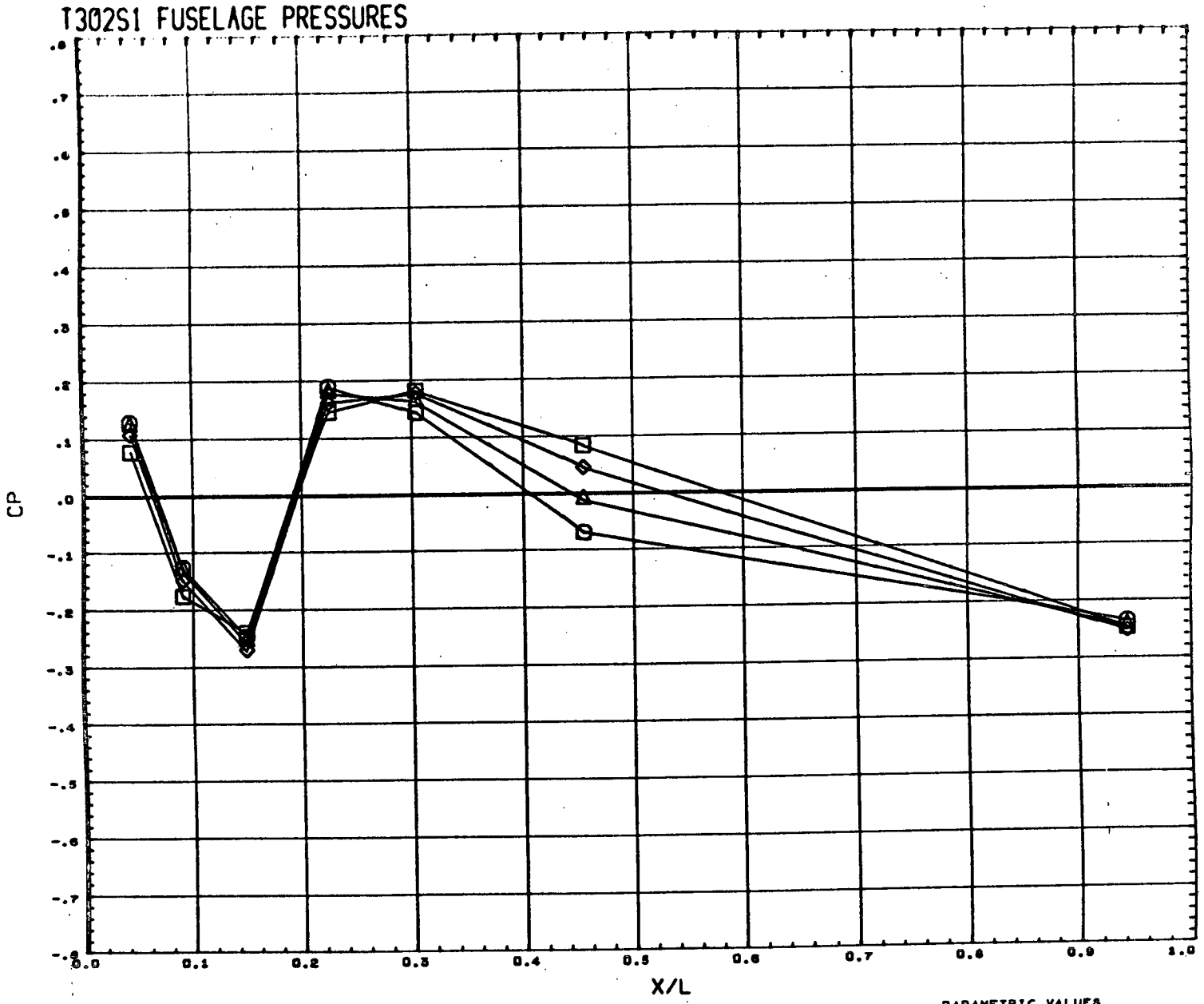
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.193
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

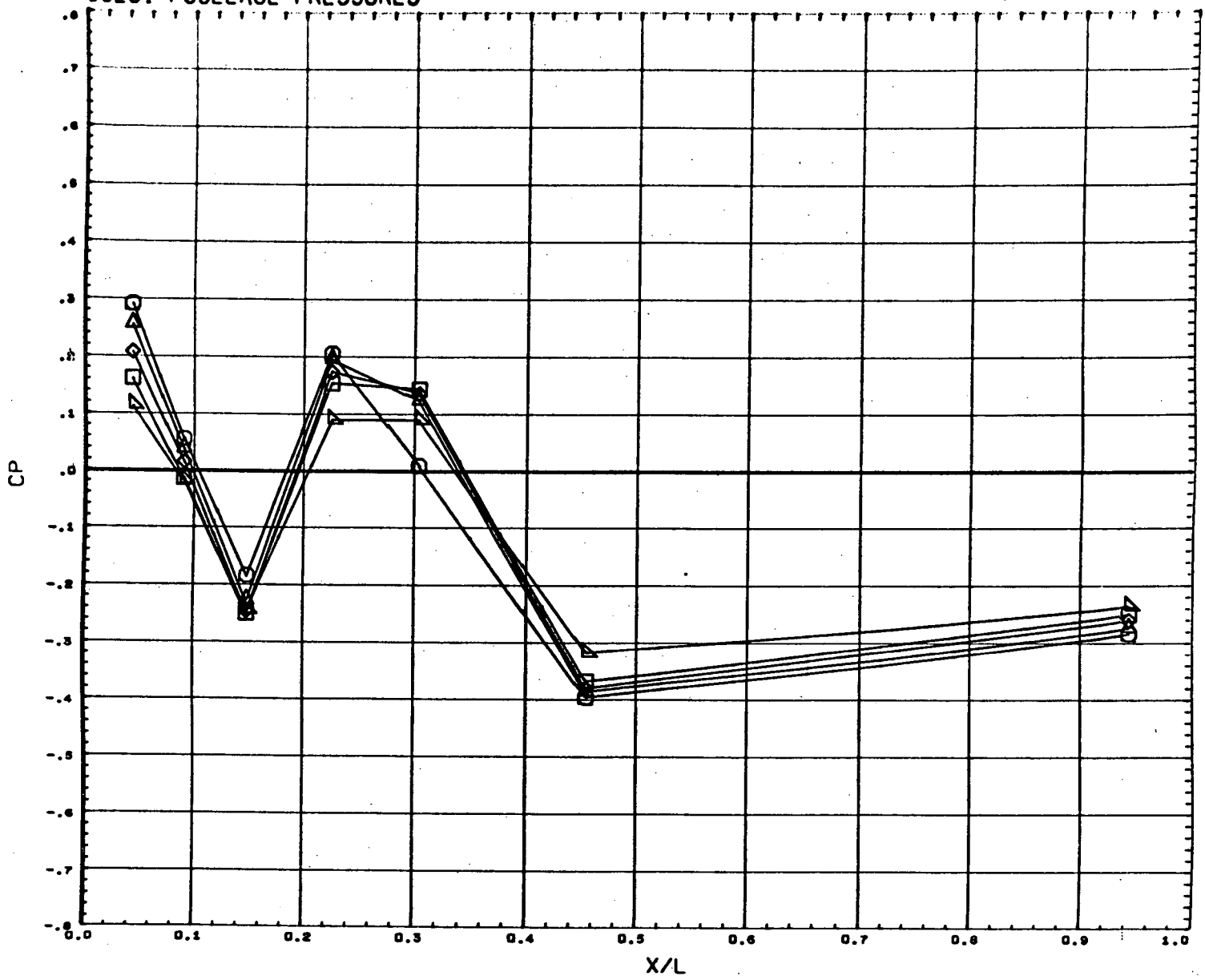
BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73017)

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	1.458
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

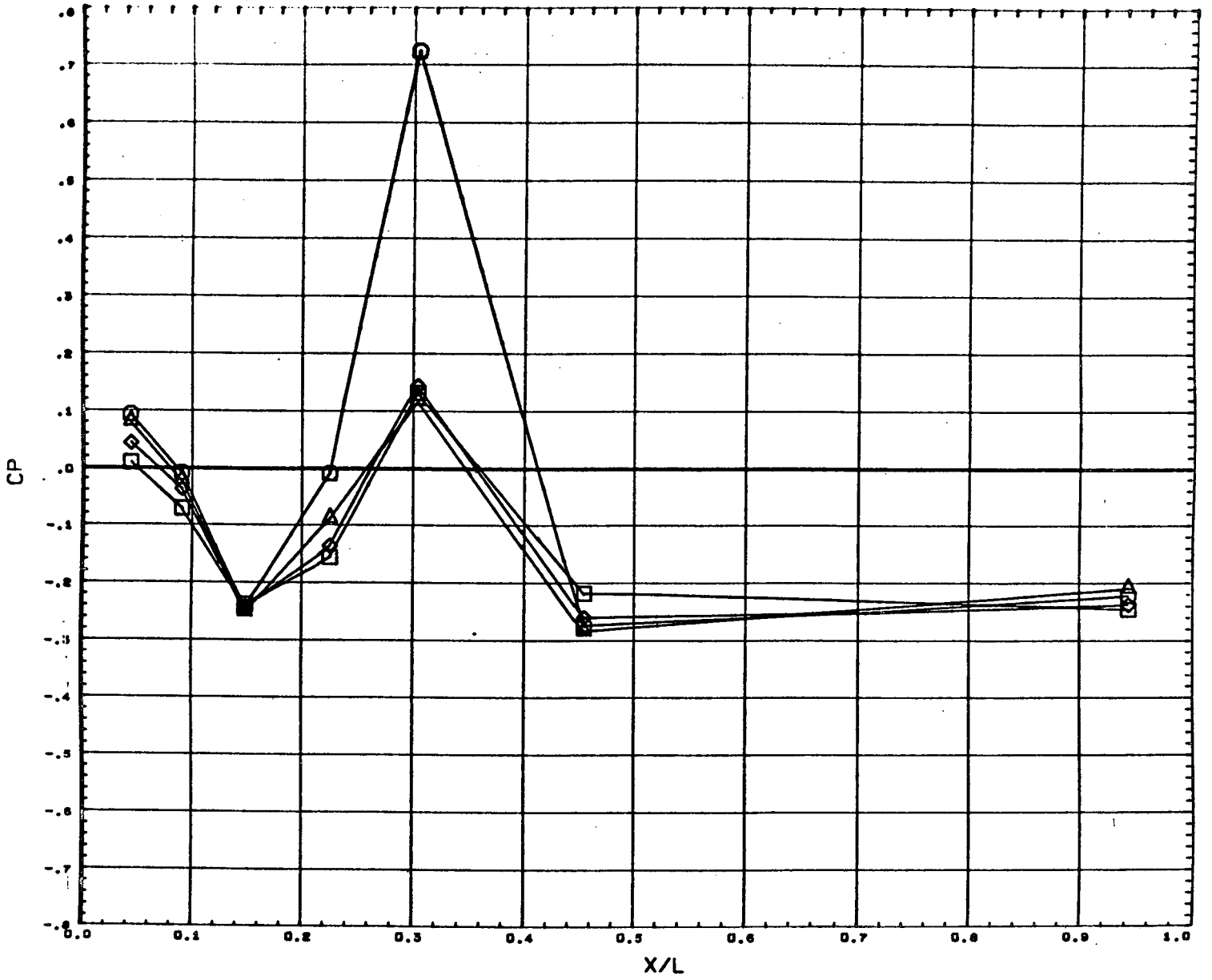
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.456
△	4.000		
◇	6.000		
□	8.000		

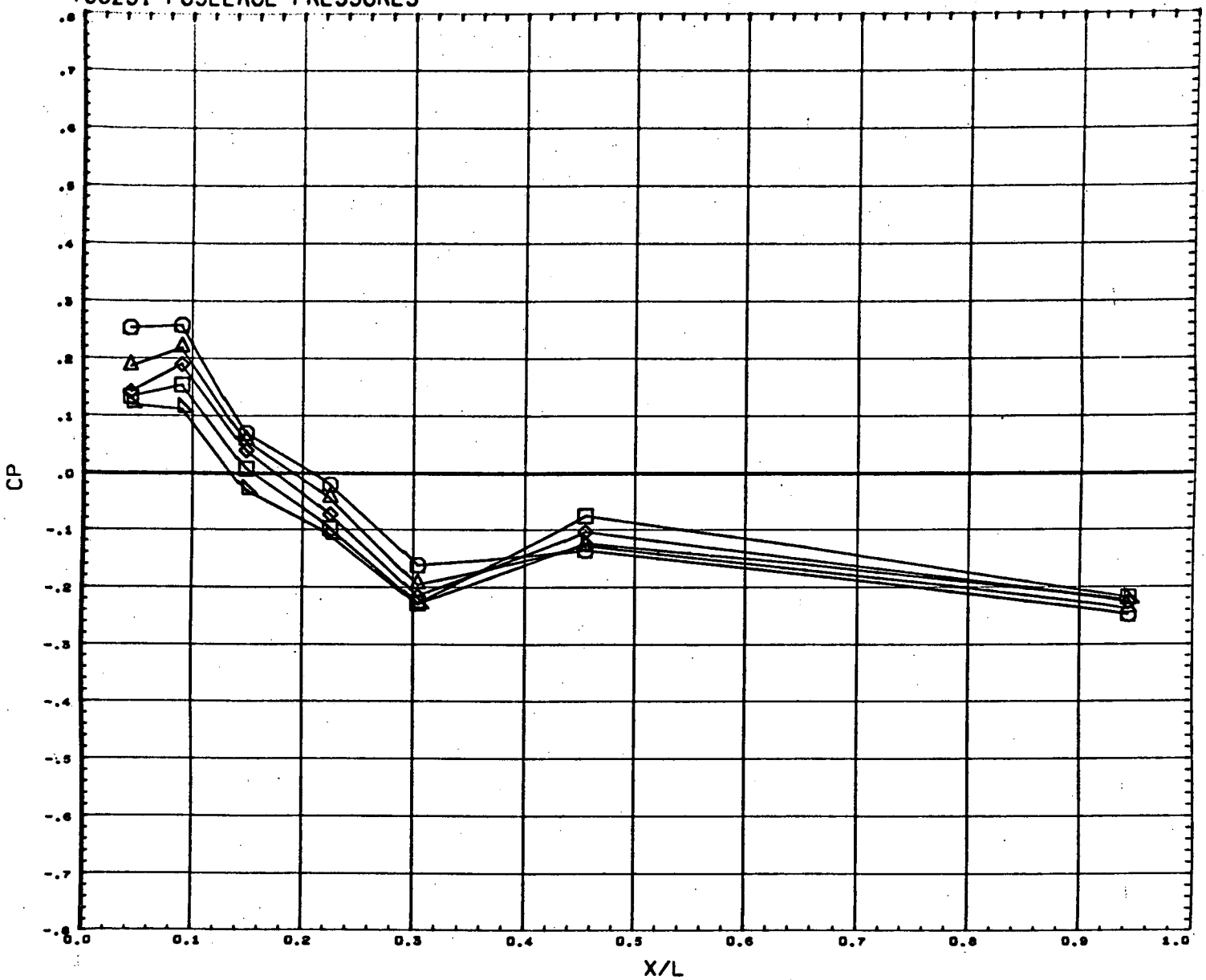
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.956
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

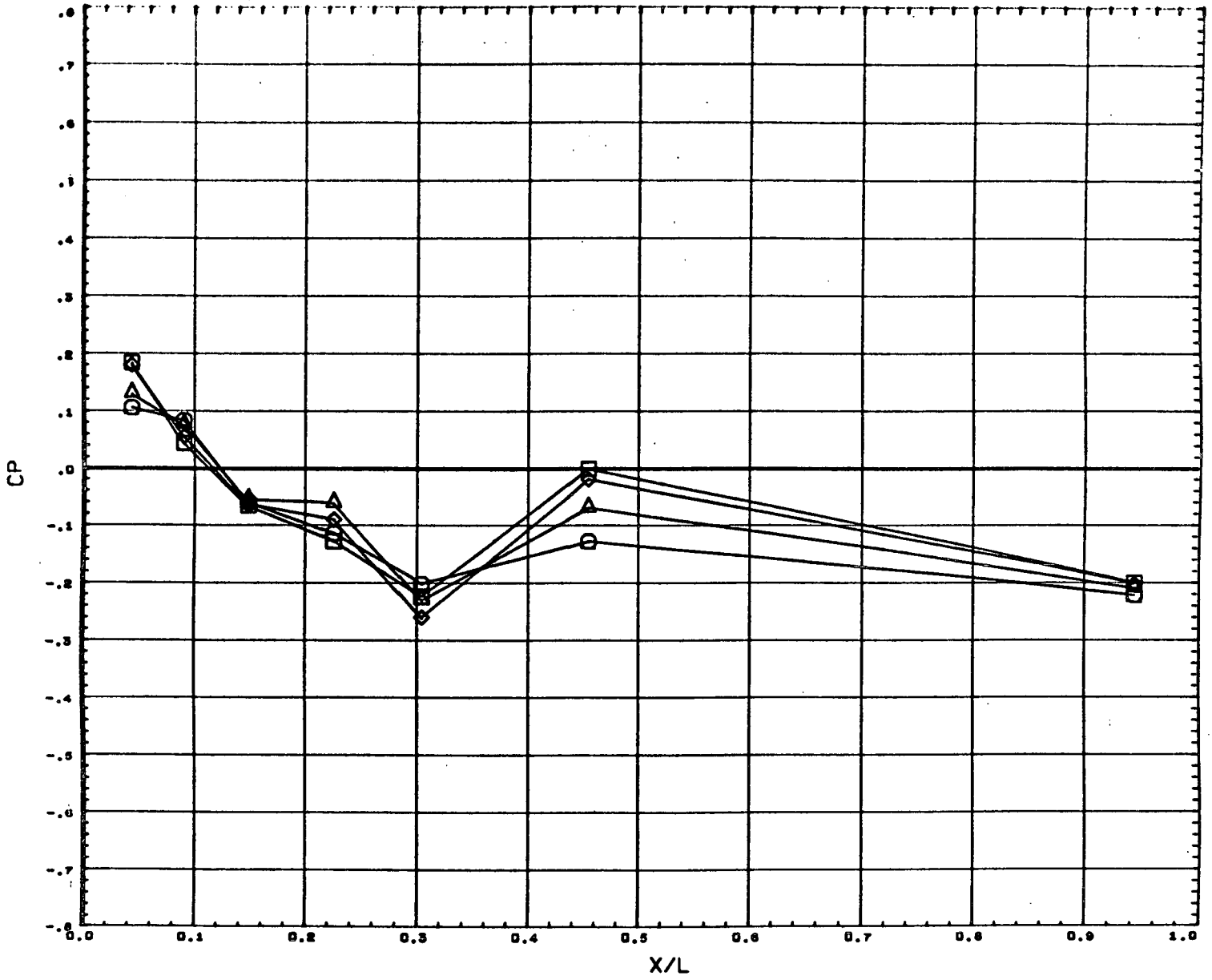
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.956
△	4.000		
◇	6.000		
□	8.000		

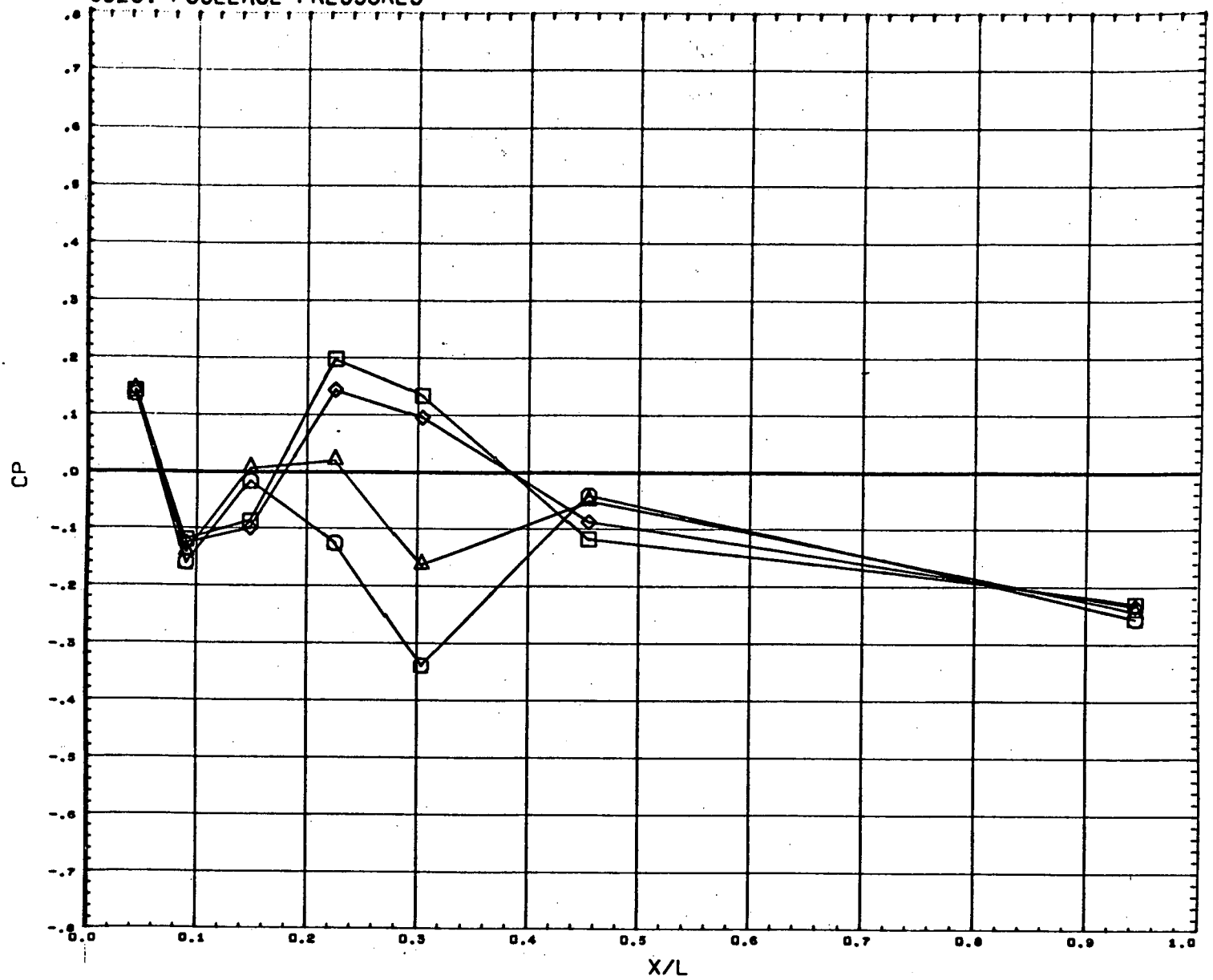
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

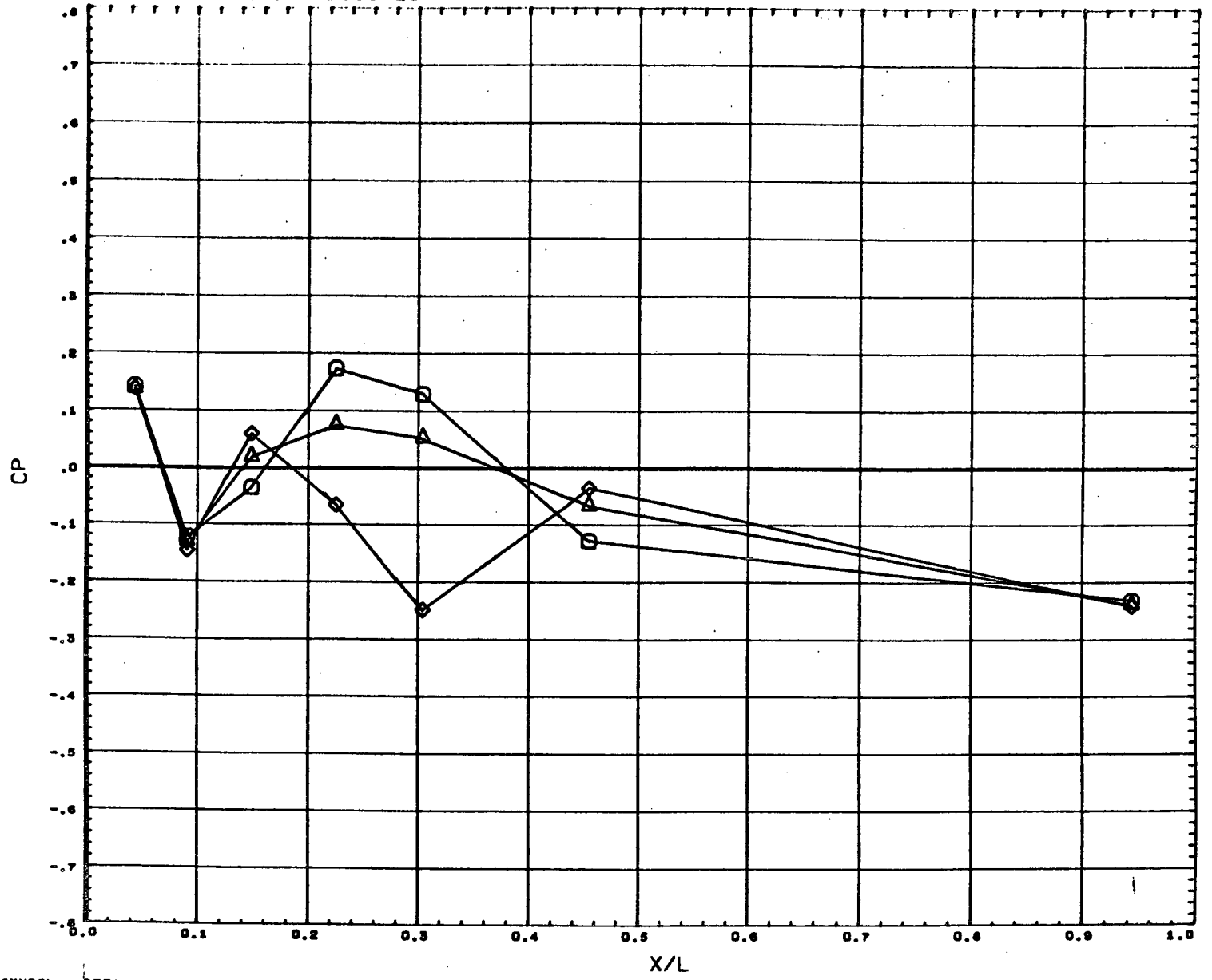
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES

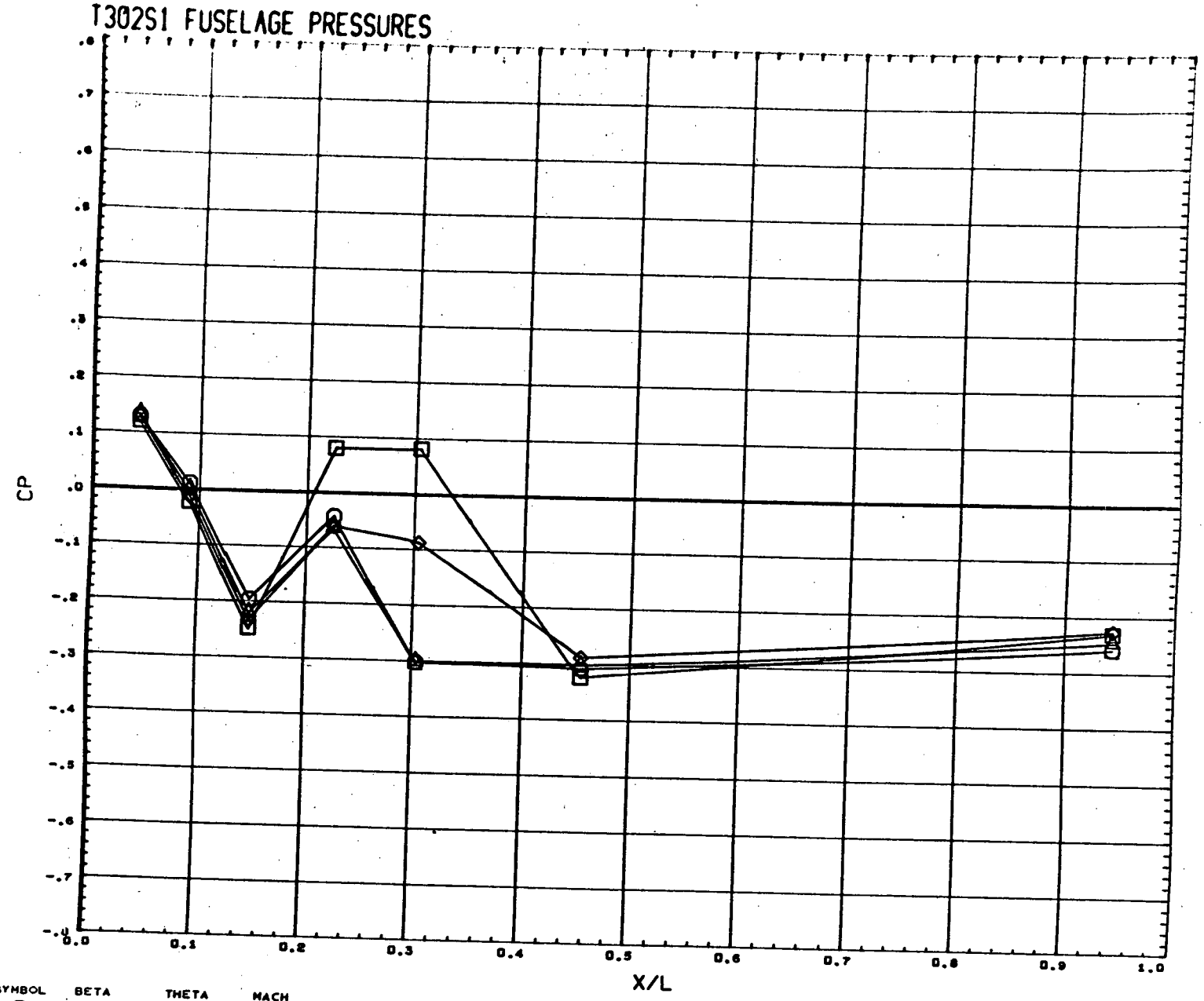


SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.196
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

REFERENCE FILE


T302S1 FUSELAGE PRESSURES
CP
X/L
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-.7
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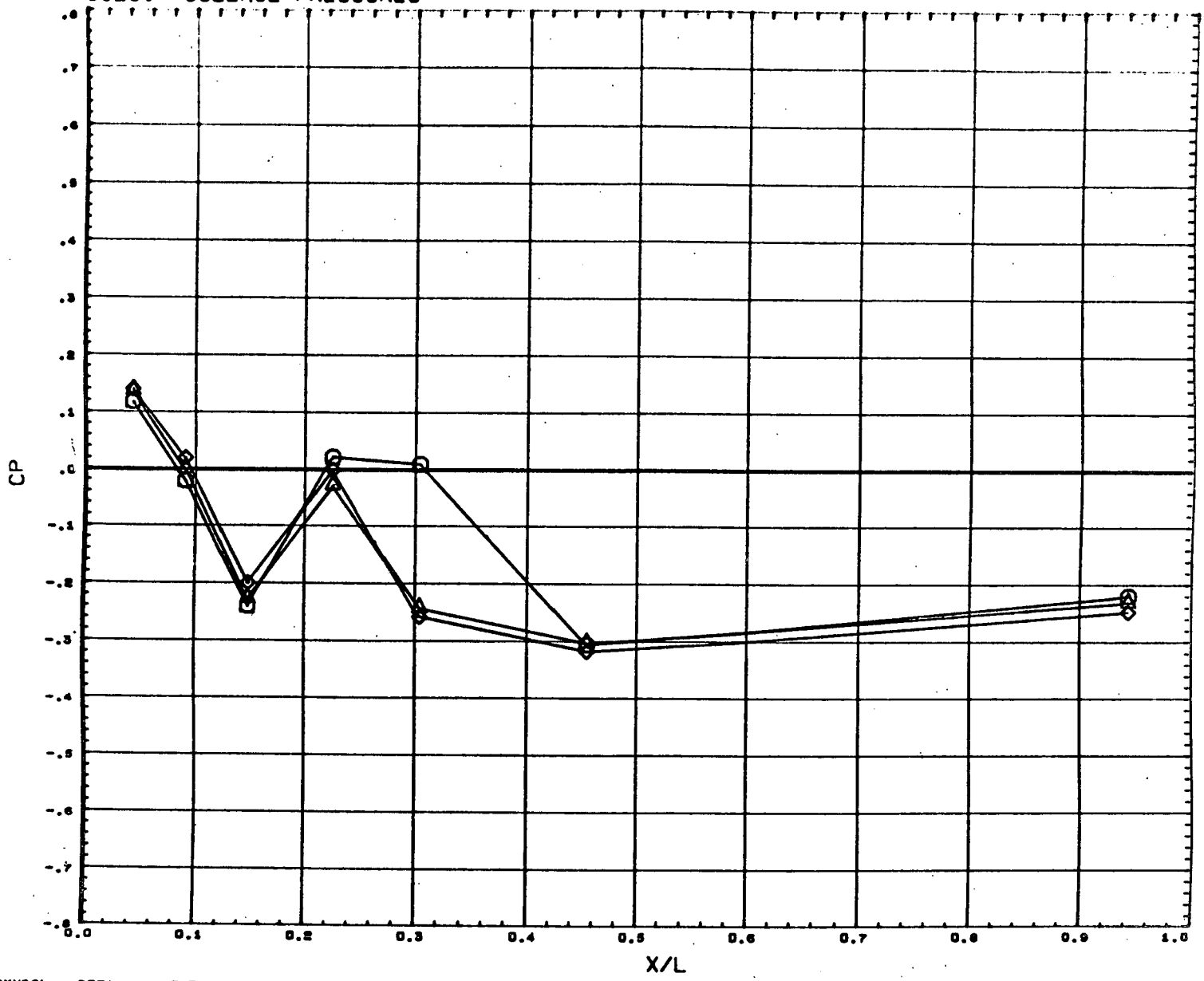
0.7
0.8
0.9
1.0
SYMBOL BETA THETA MACH
- 6.000 0.000 1.460
- 4.000
- 2.000
0.000
PARAMETRIC VALUES
ALPHA 0.000 ORBINC - 1.500
PHIS 90.000
REFERENCE FILE

T302S1 FUSELAGE PRESSURES



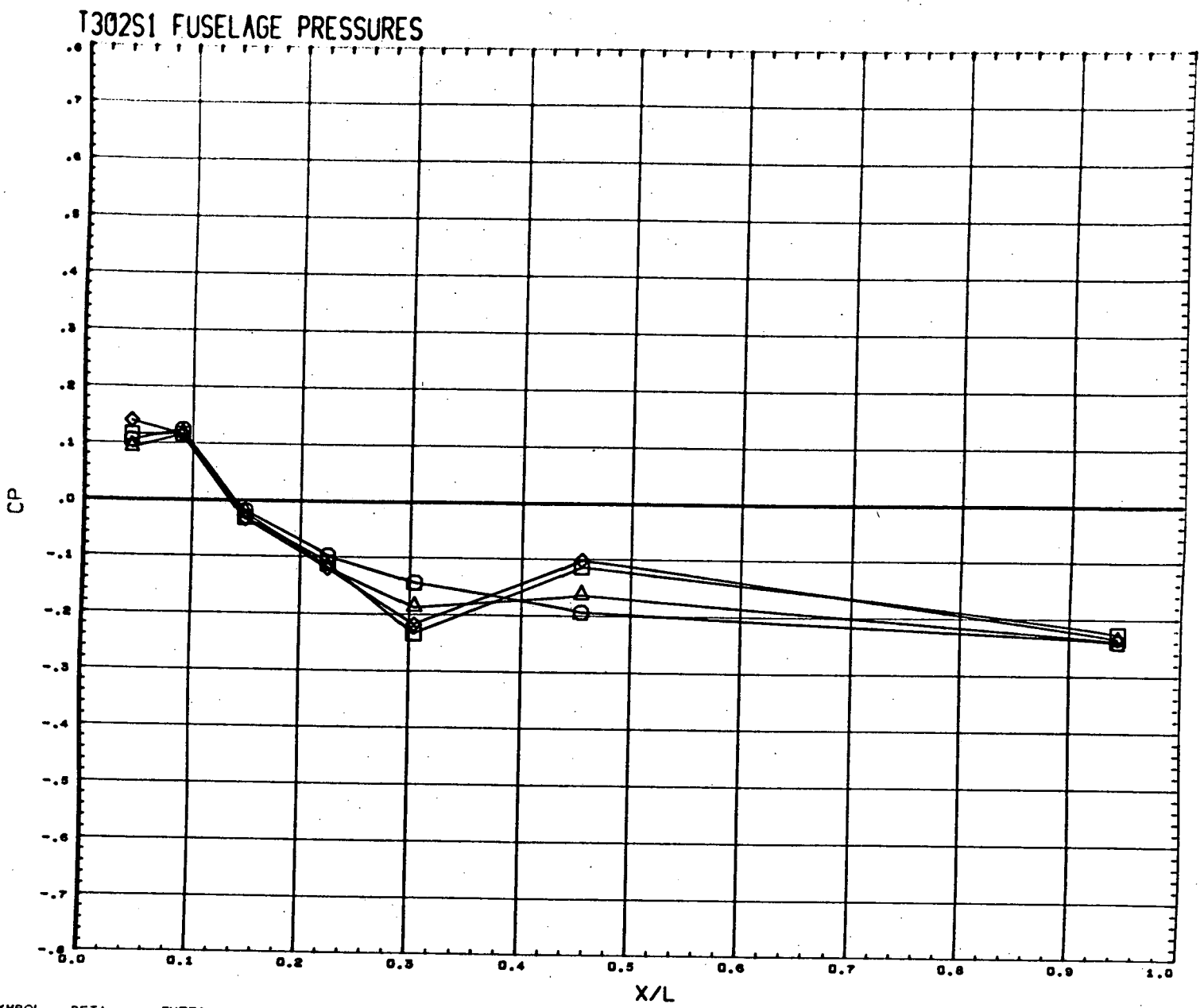
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.460
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73018)


T302S1 FUSELAGE PRESSURES
CP
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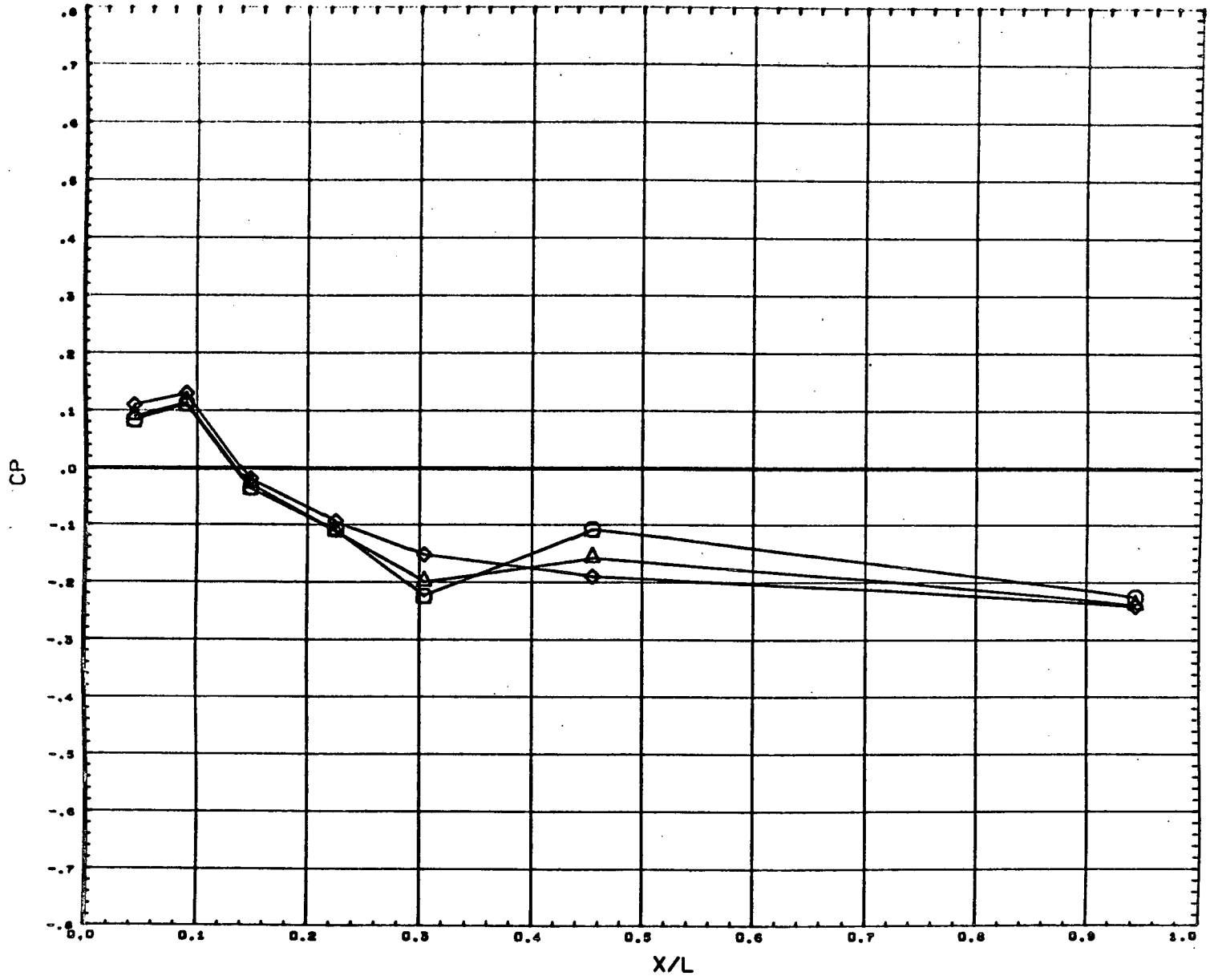
1.0
SYMBOL BETA THETA MACH
- 6.000 0.000 1.957
- 4.000
- 2.000
0.000
PARAMETRIC VALUES
ALPHA 0.000 ORBINC - 1.500
PHIS 90.000
REFERENCE FILE

T302S1 FUSELAGE PRESSURES



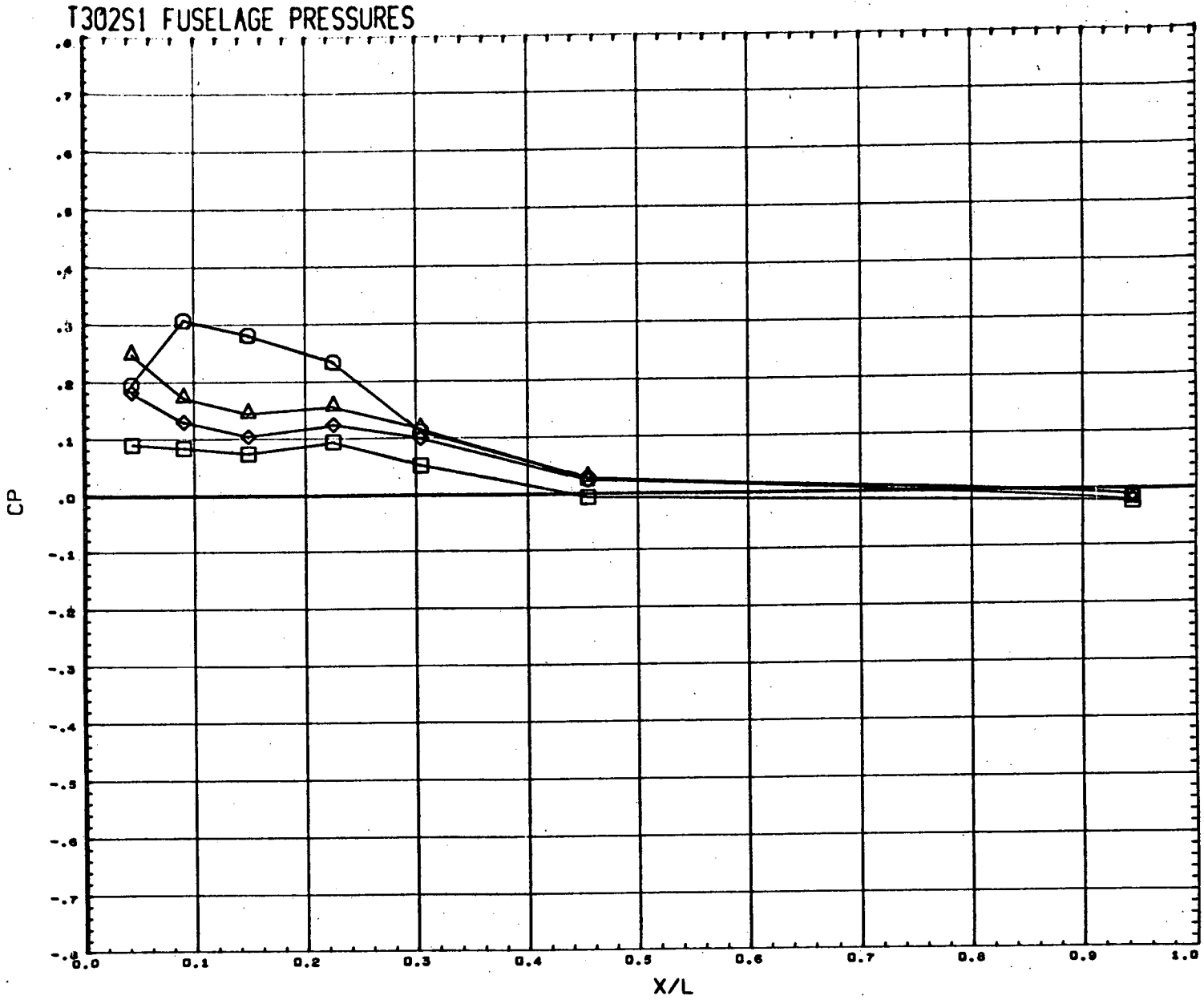
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE



SYMBOL	ALPHA	THETA	MACH
○	6.000	0.000	4.960
△	0.000		
◇	2.000		
□	6.000		

PARAMETRIC VALUES

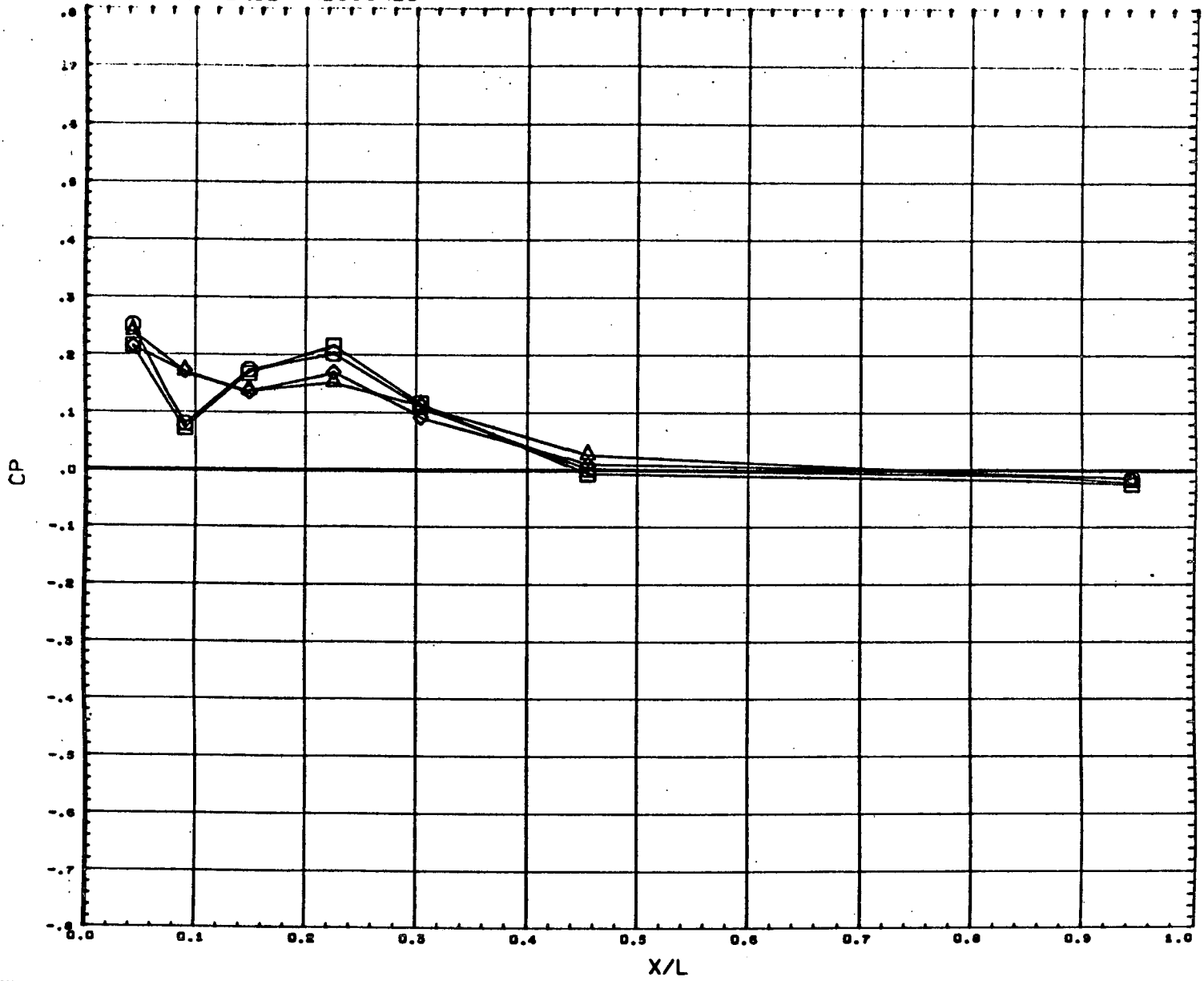
BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73019)

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	4.960
△	0.000		
◇	2.000		
□	6.000		

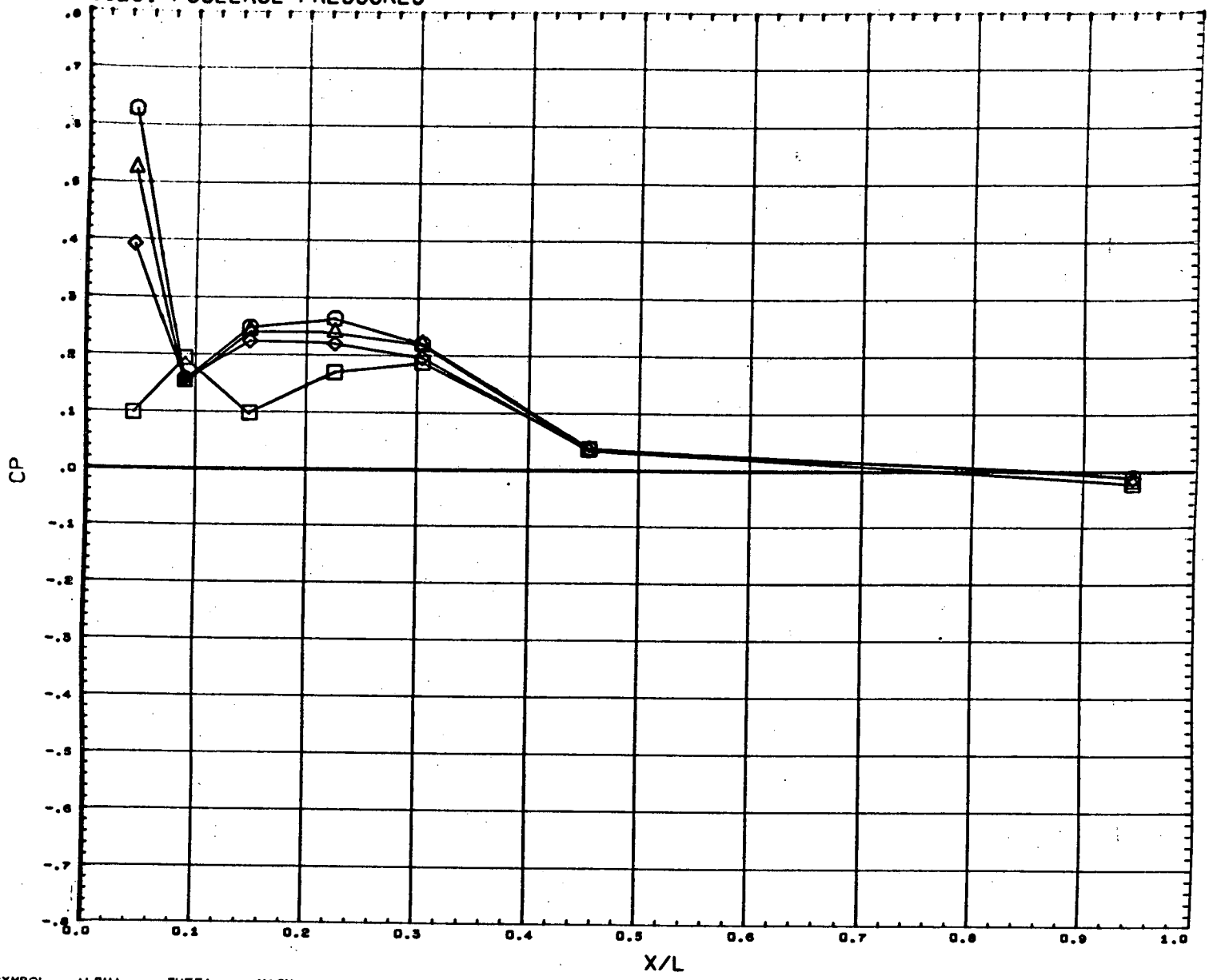
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73020)

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

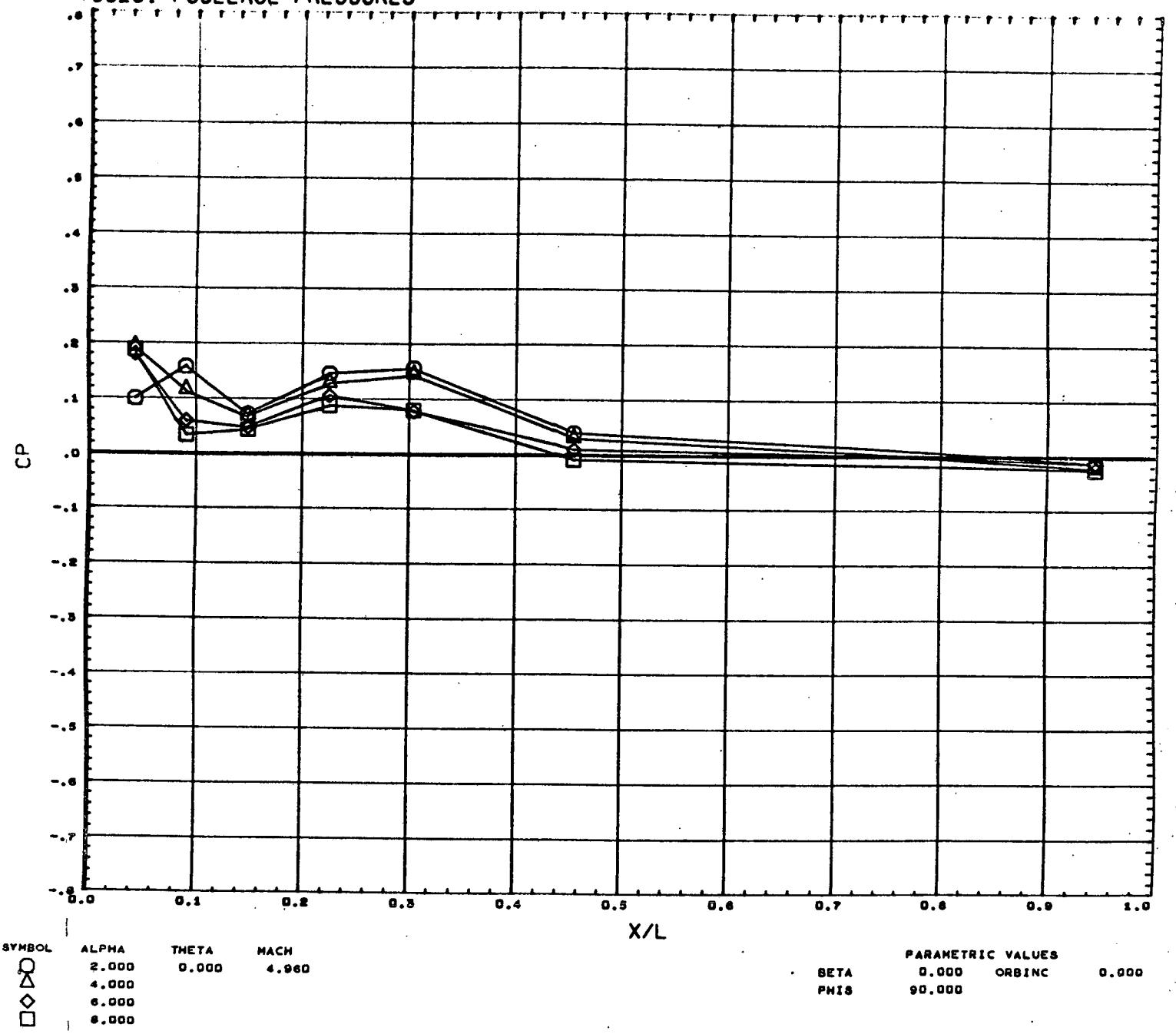
BETA	0.000	ORBINC	0.000
PHIS	90.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73021)

E

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	4.960
△	4.000		
◇	6.000		
□	8.000		

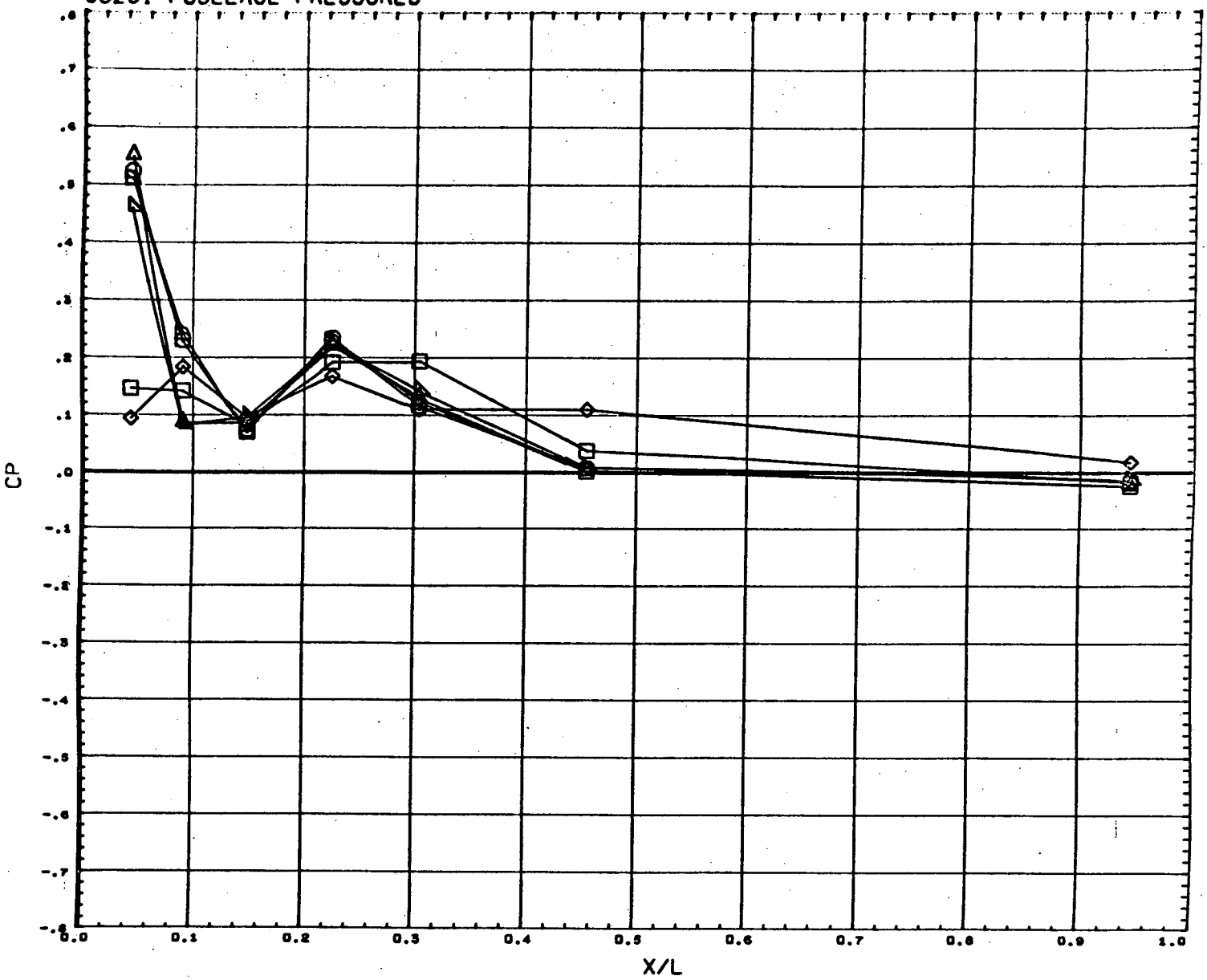
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES

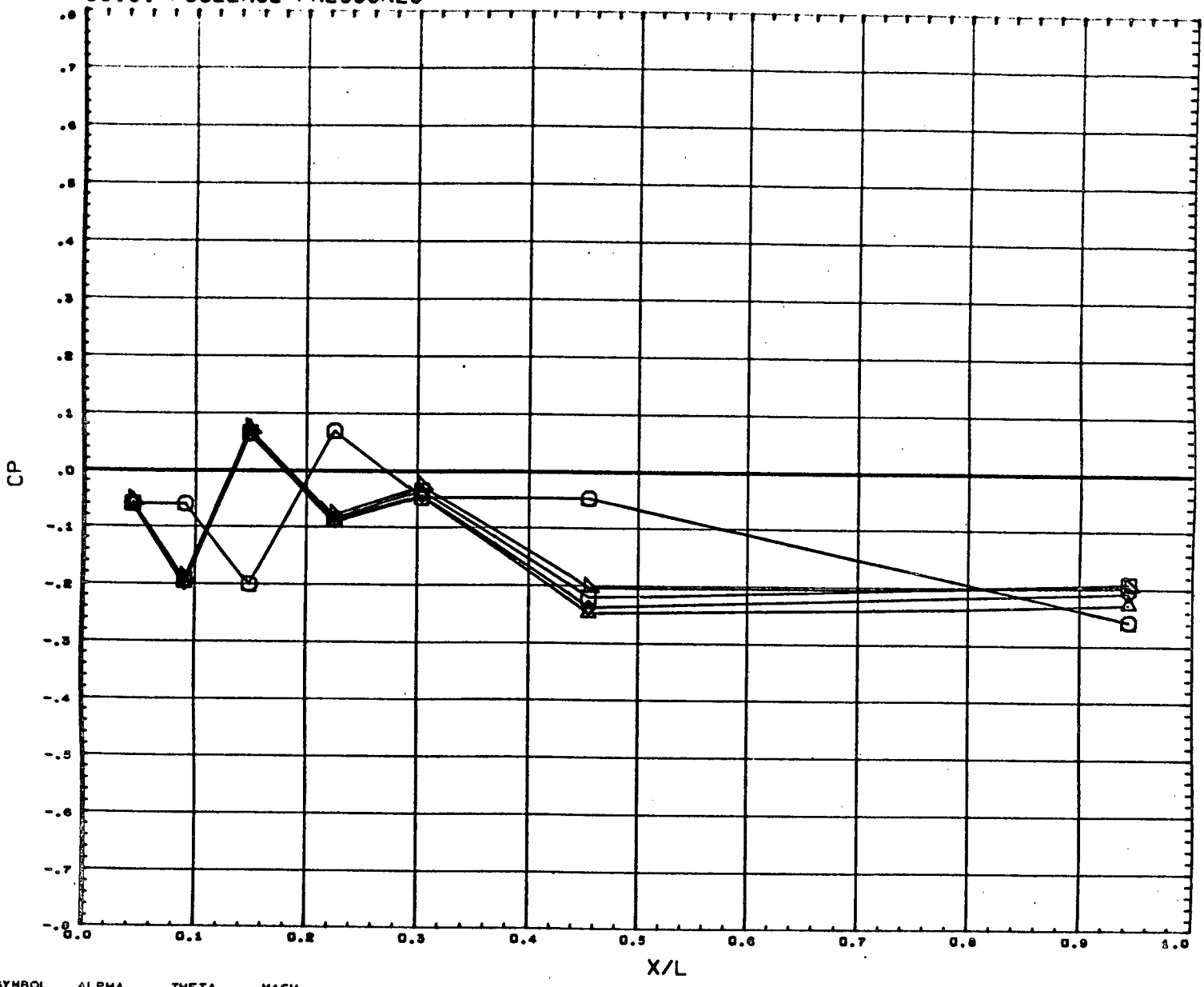


SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	4.960
△	- 4.000		
◇	0.000		
□	2.000		
◺	4.000		
D	6.000	REFERENCE FILE	

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



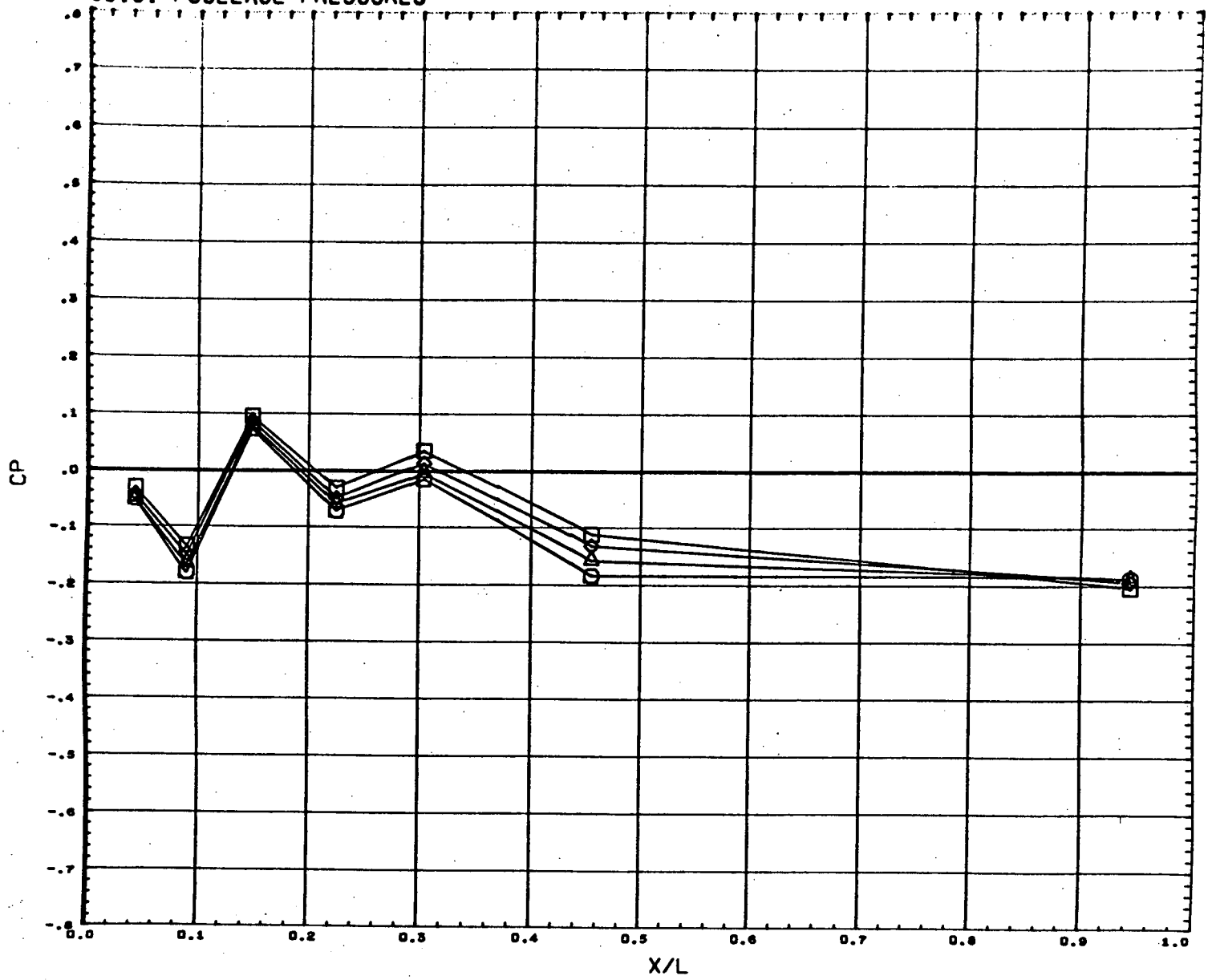
SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	0.596
△	- 6.000		
◇	- 4.000		
□	- 2.000		
▽	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



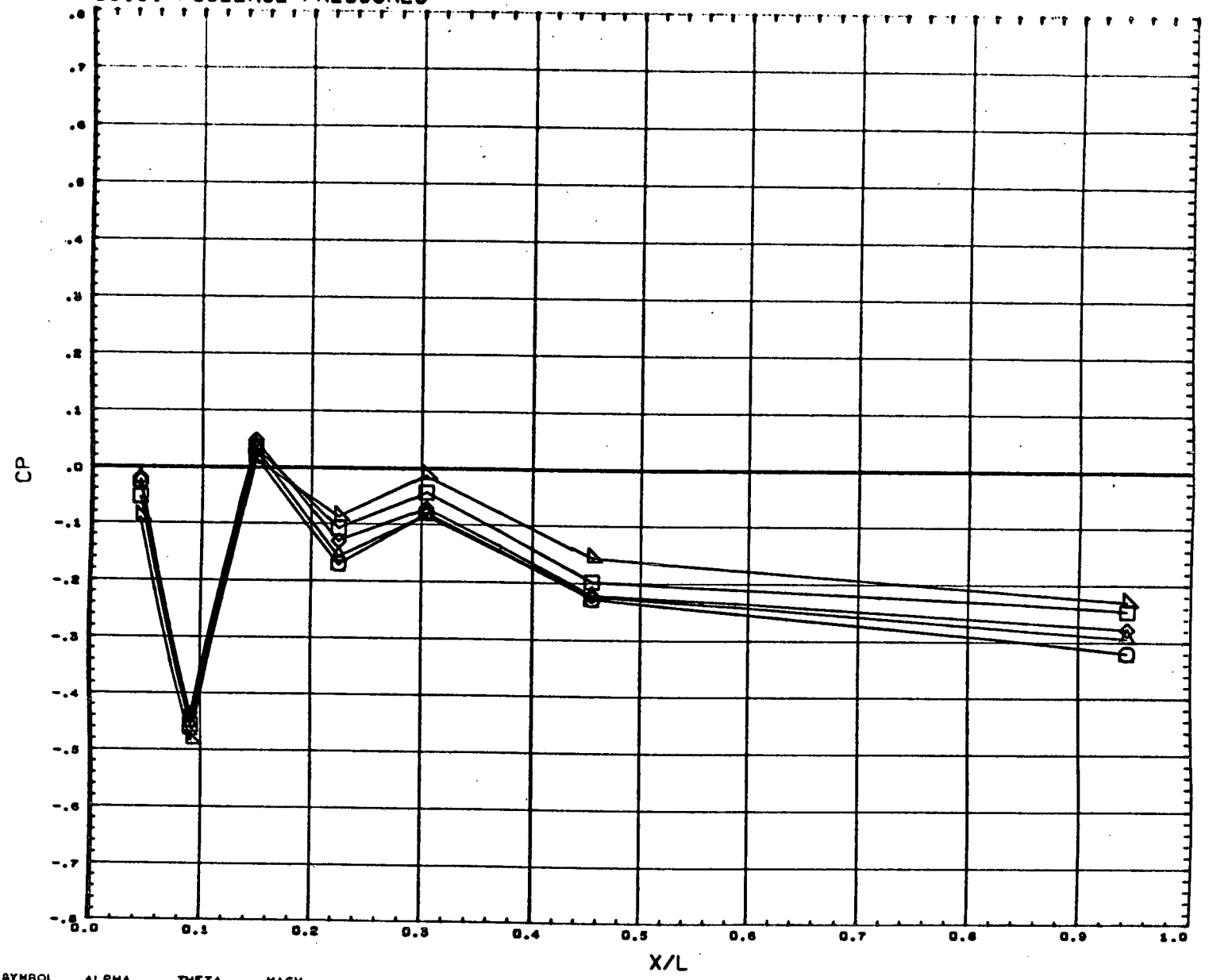
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.596
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	- 1.500
PHIS	90.000		

T301S1 FUSELAGE PRESSURES

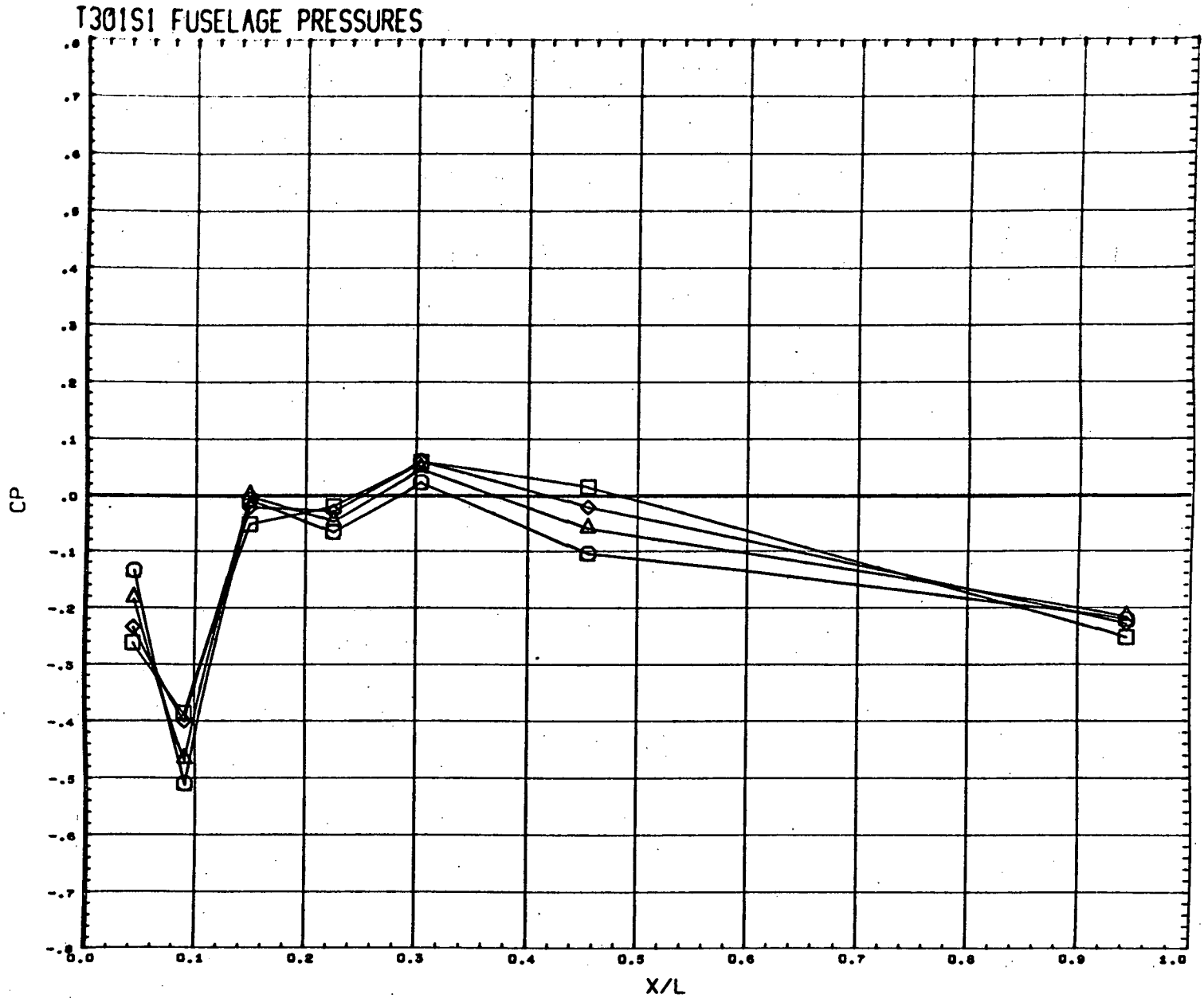


SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	0.903
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	90.000		



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.903
△	4.000		
◇	6.000		
□	8.000		

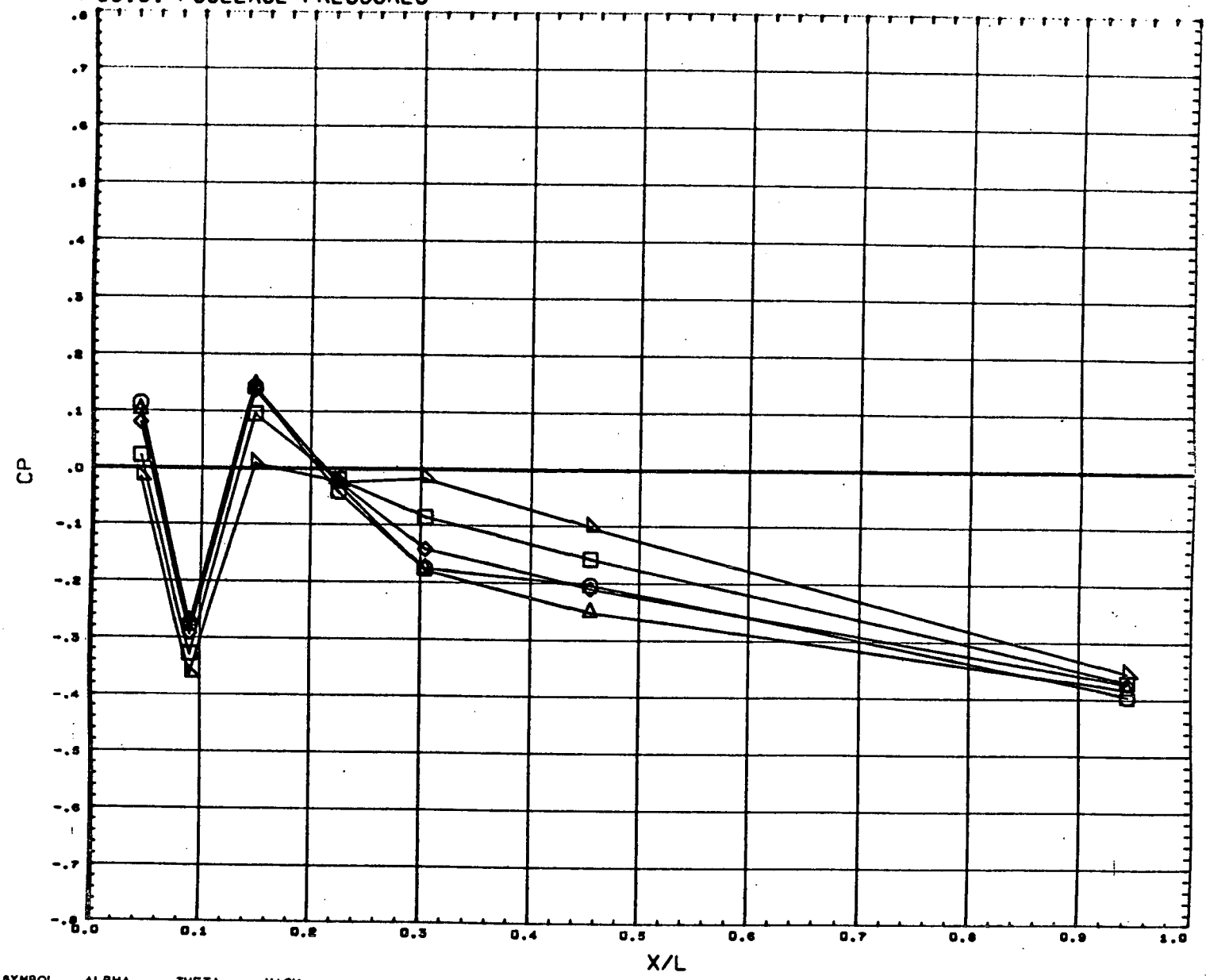
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



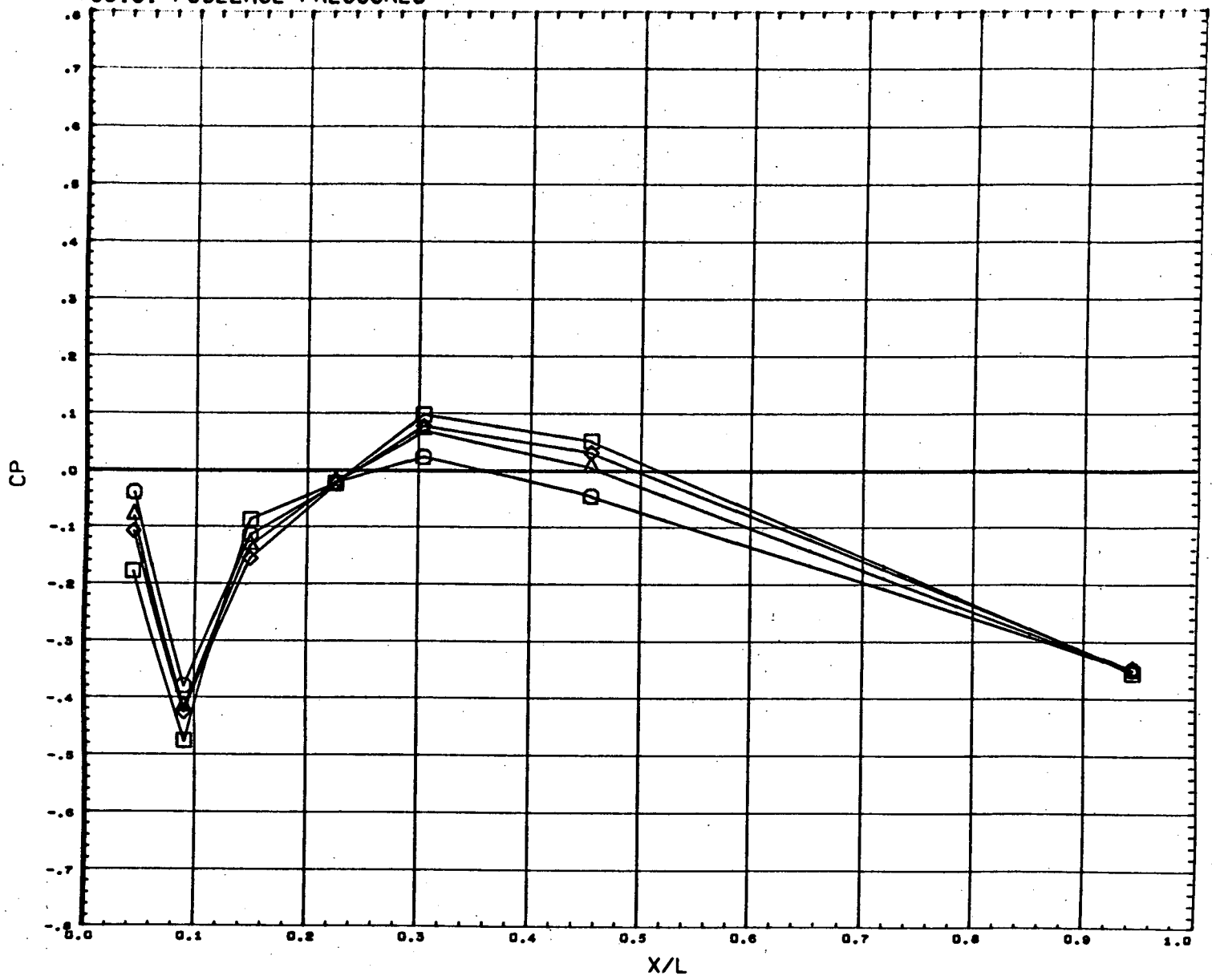
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.001
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.001
△	4.000		
◇	6.000		
□	8.000		

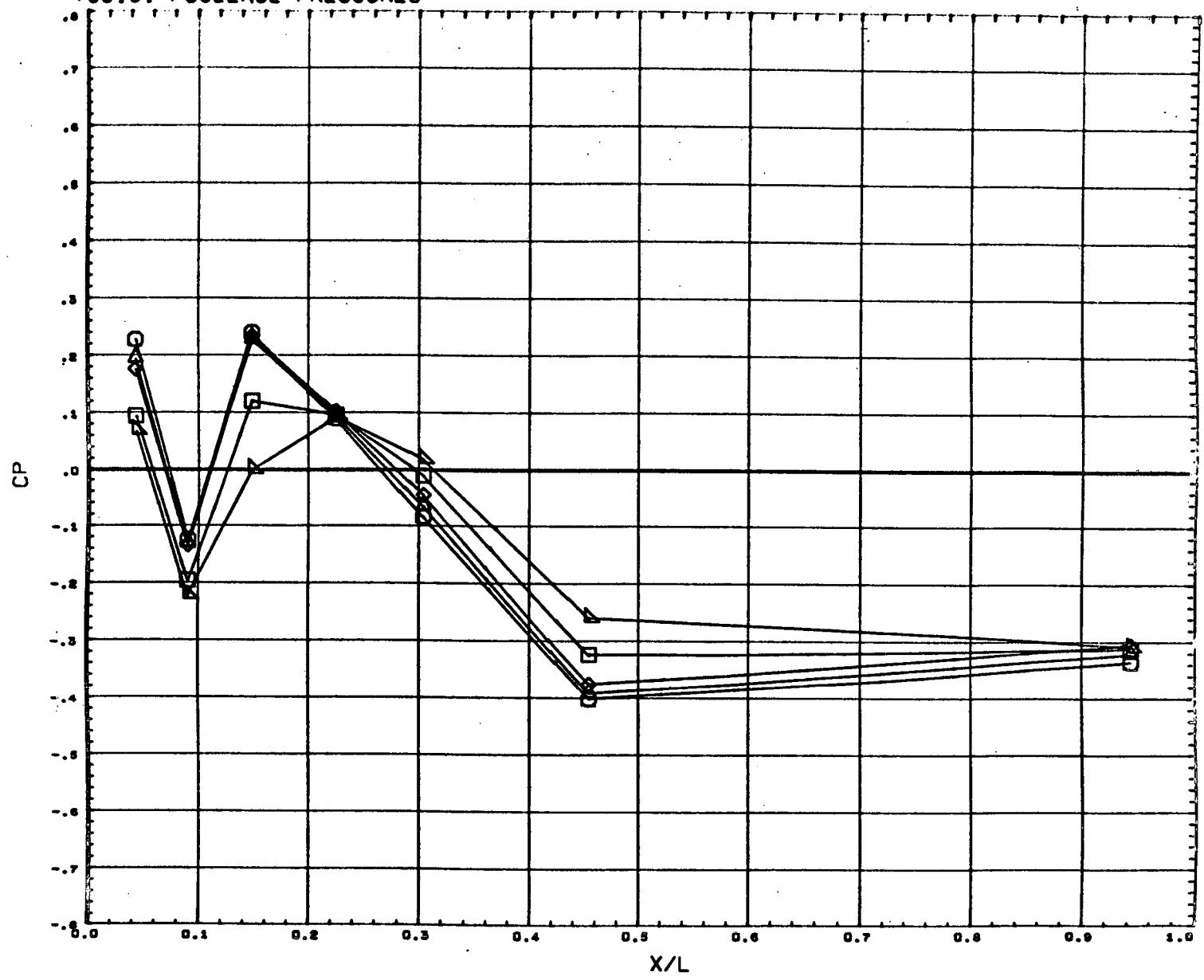
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

T301S1 FUSELAGE PRESSURES



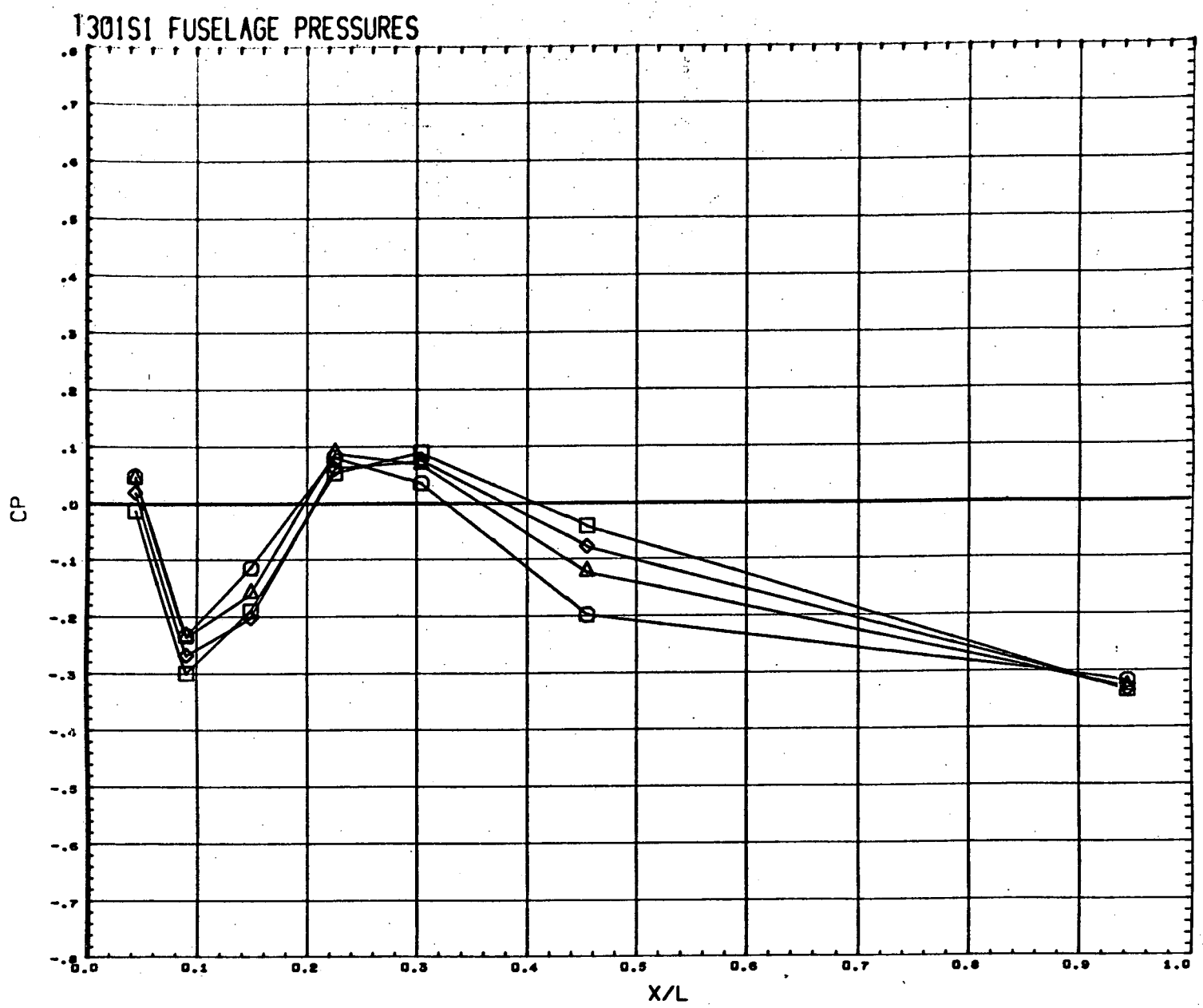
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.102
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.900

PHIS 90.000



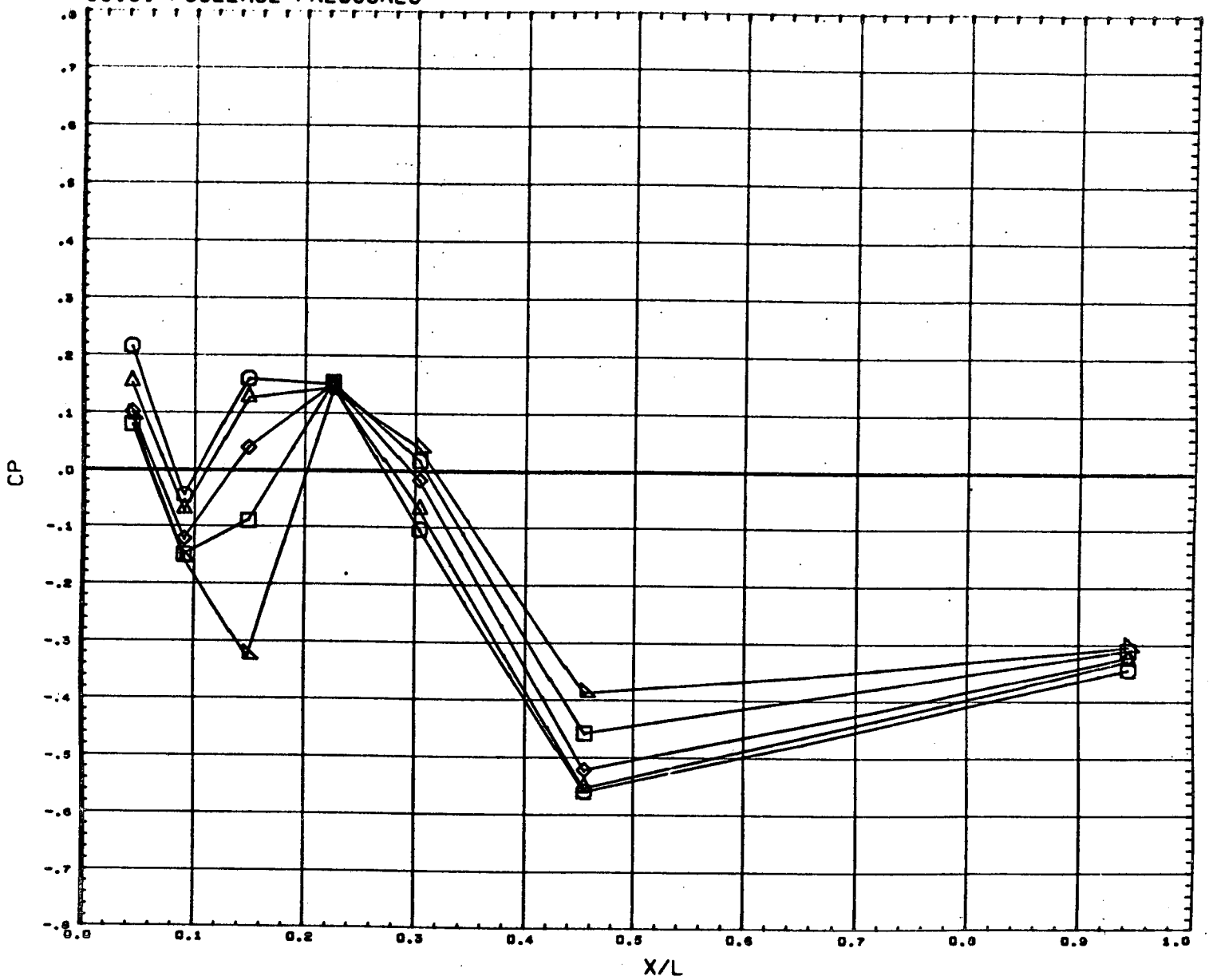
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.102
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	90.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.203
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

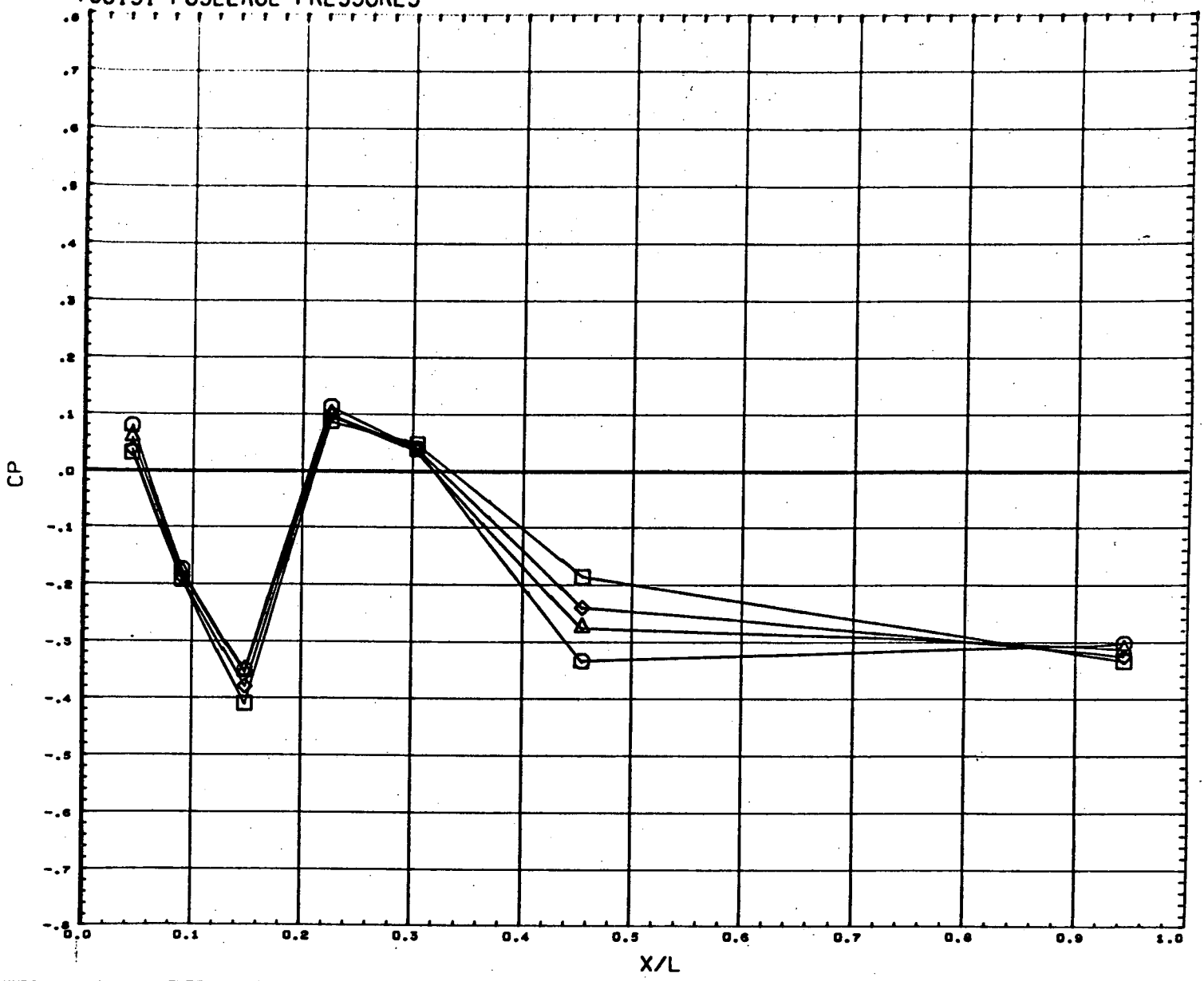
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.203
△	4.000		
◇	6.000		
□	8.000		

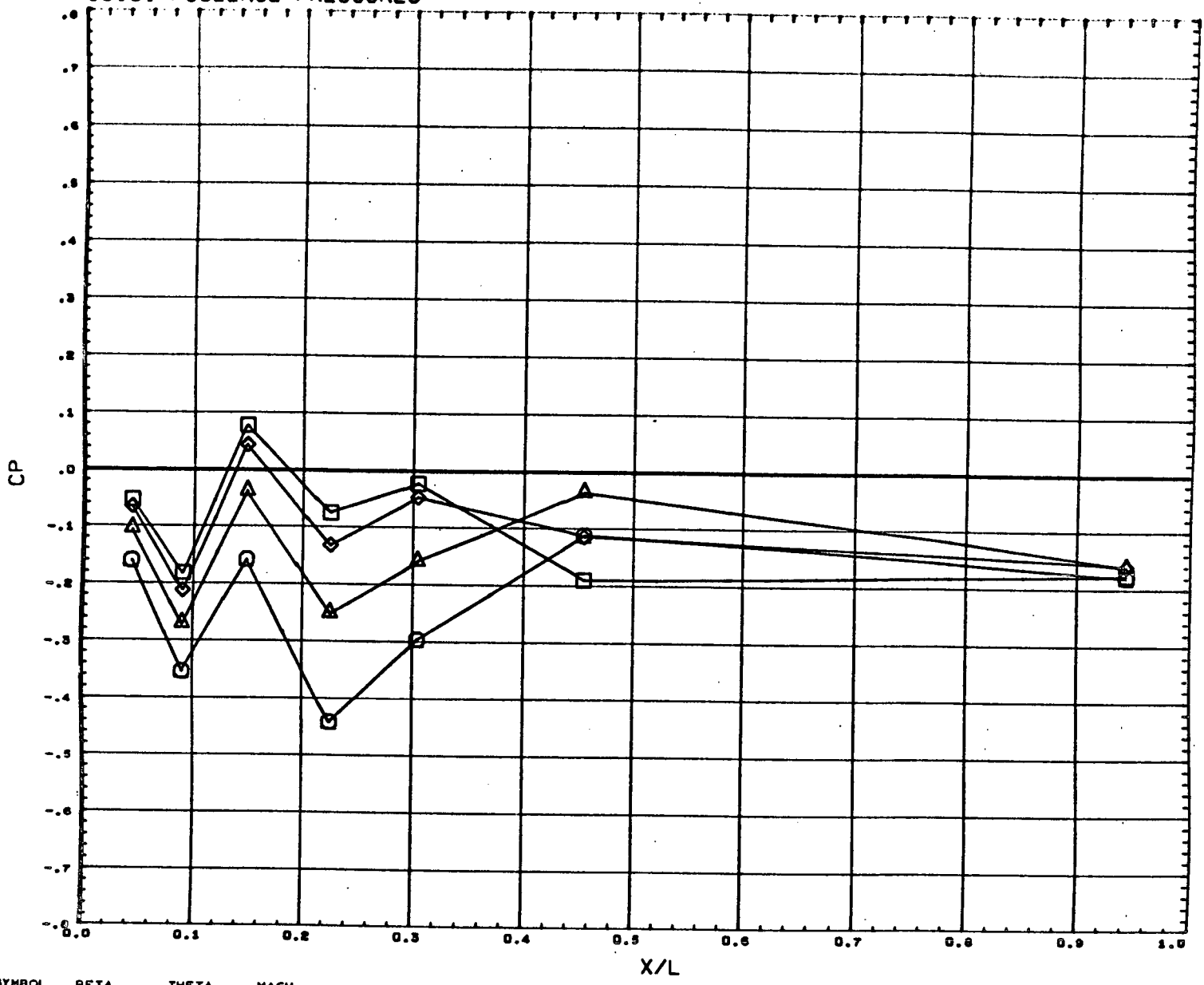
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.594
△	- 4.000		
◇	- 2.000		
□	0.000		

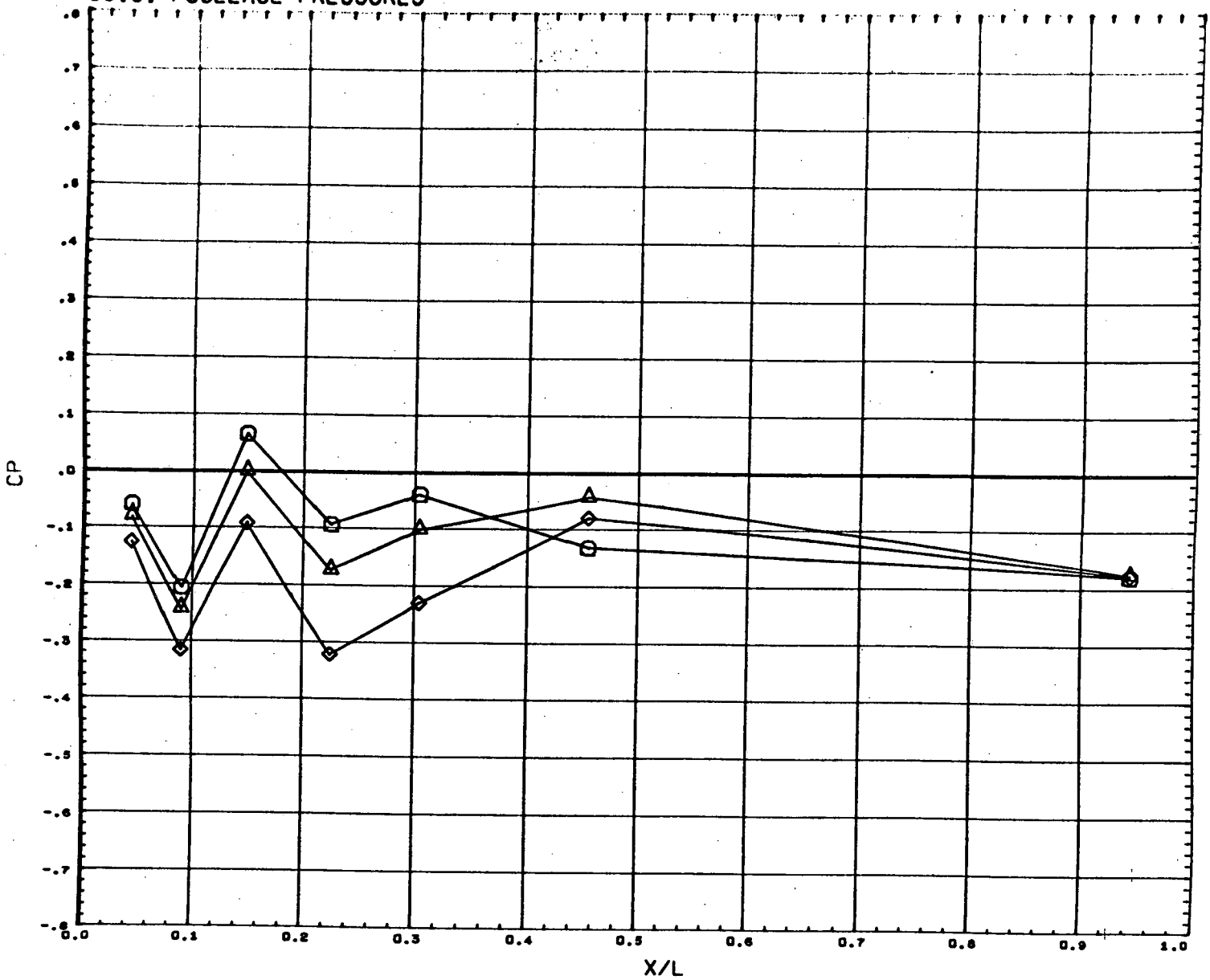
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.594
△	4.000		
◇	6.000		

PARAMETRIC VALUES

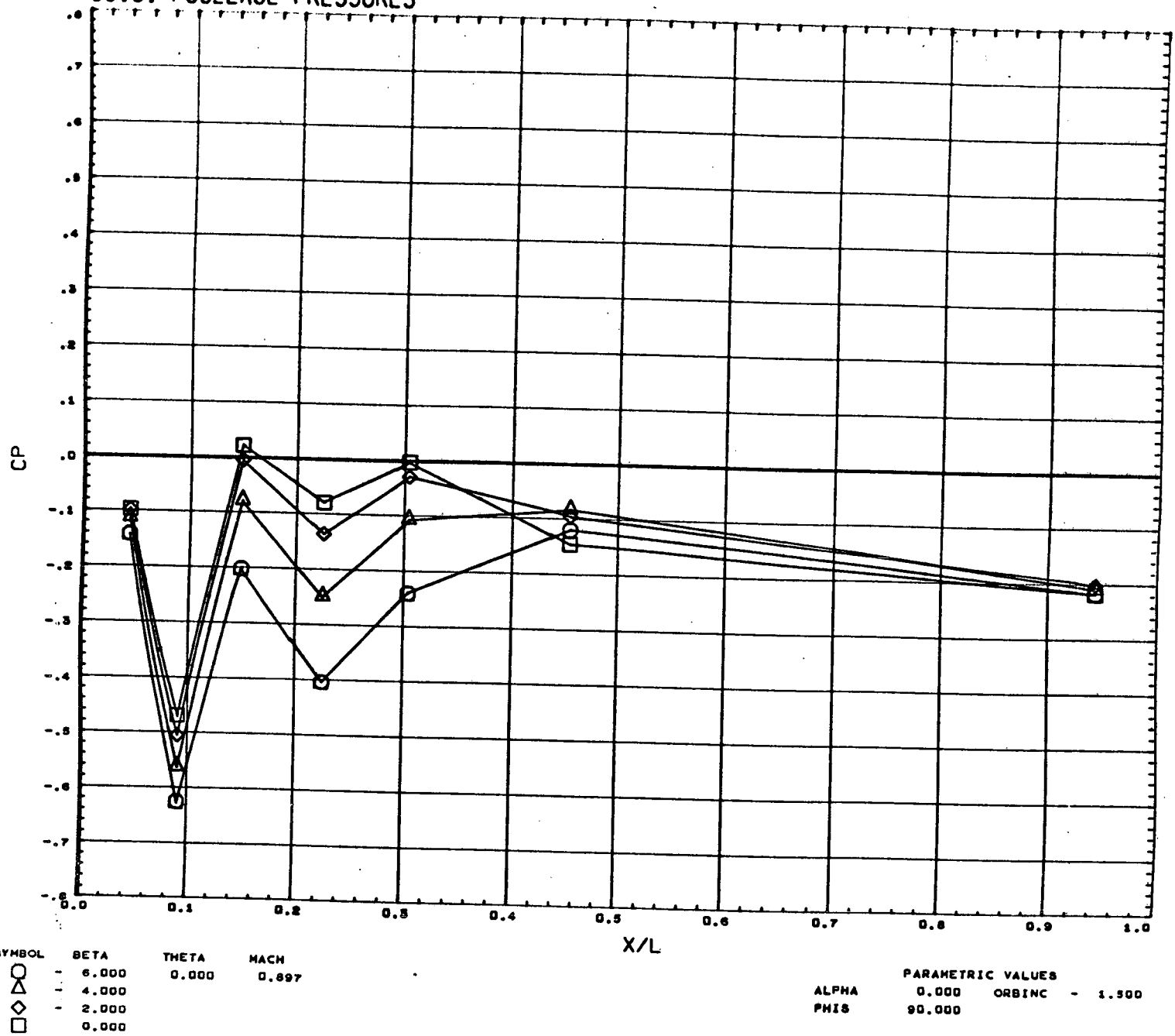
ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73024)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.897
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

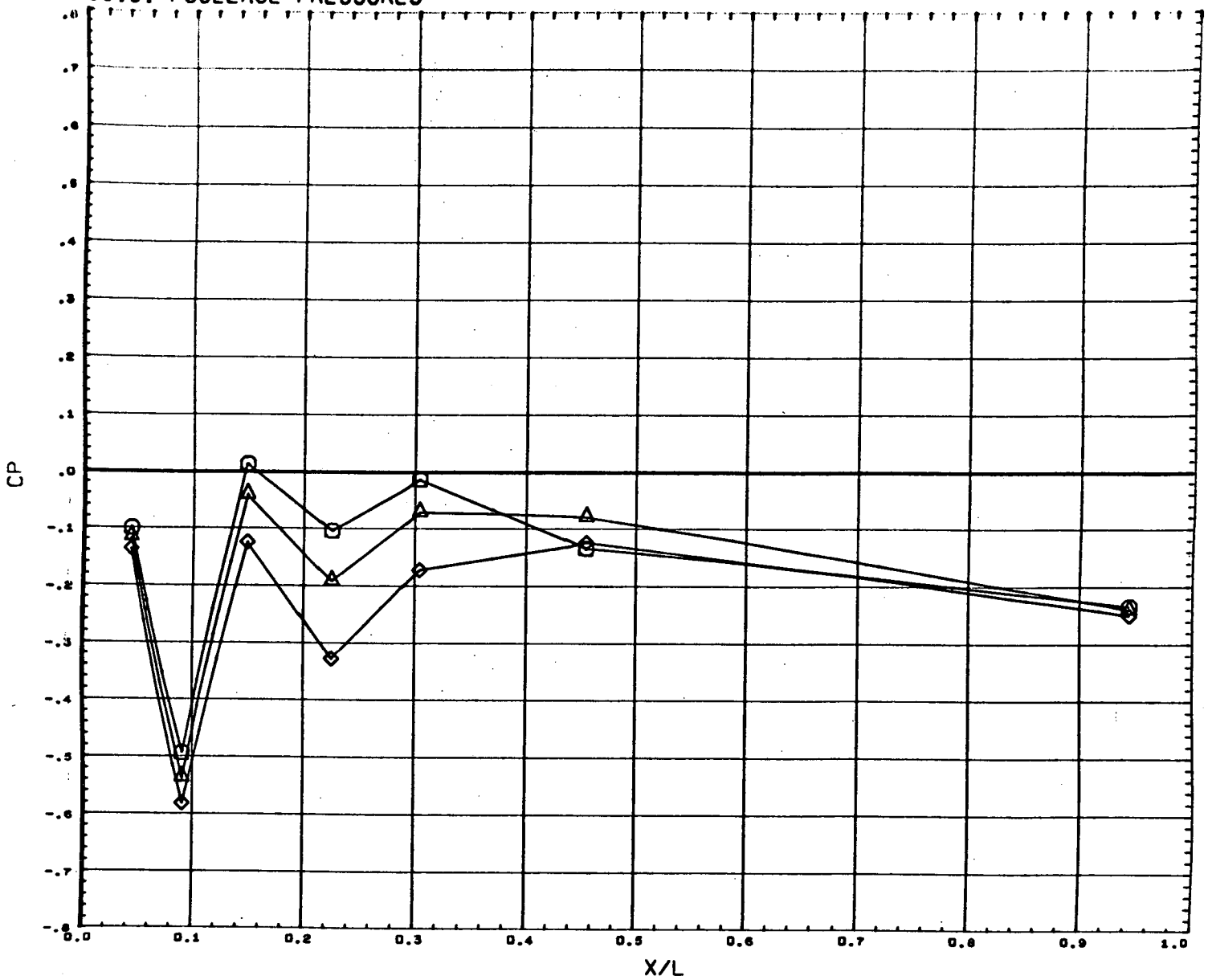
ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73024)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.897
△	4.000		
◇	6.000		

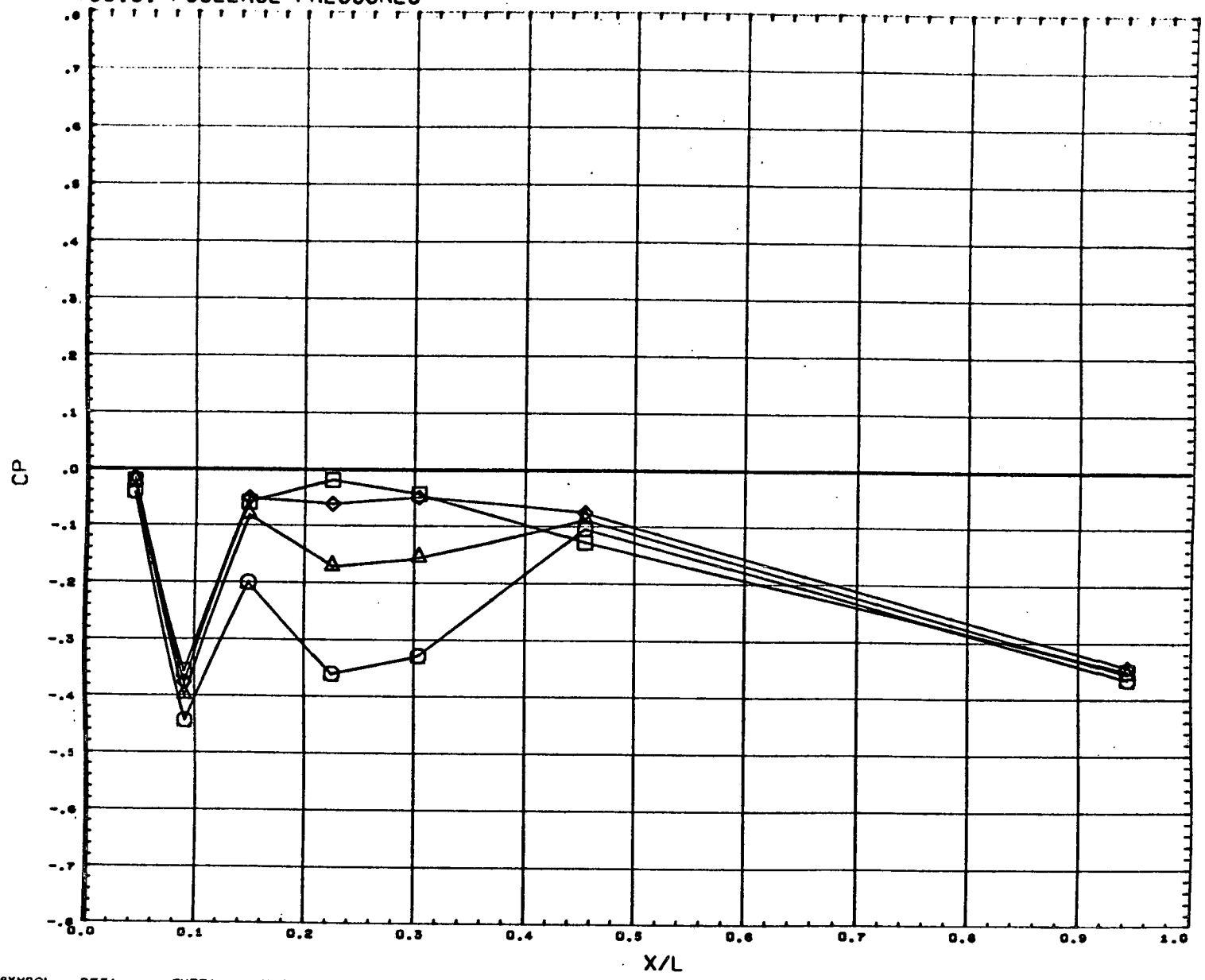
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.994
△	- 4.000		
◇	- 2.000		
□	0.000		

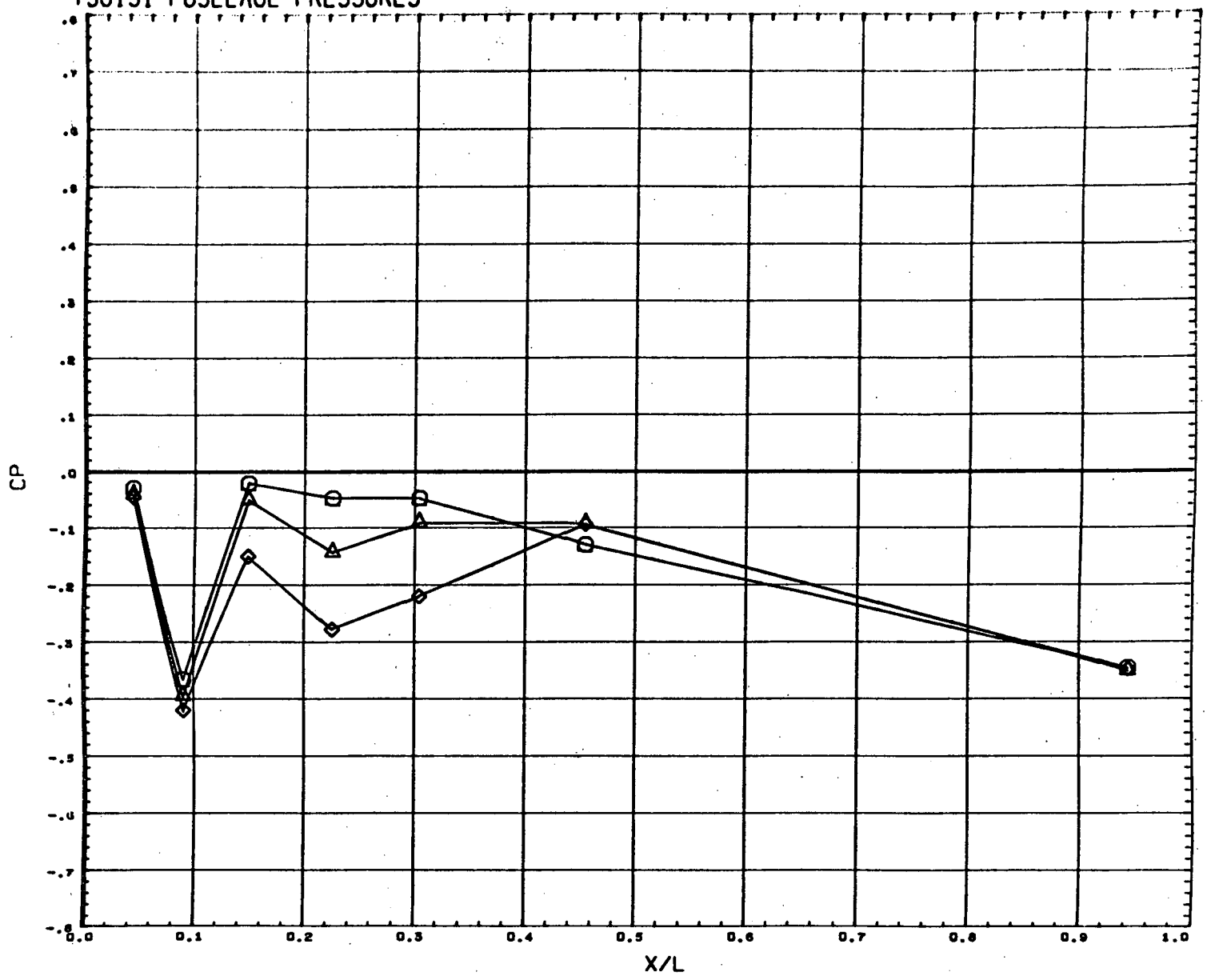
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



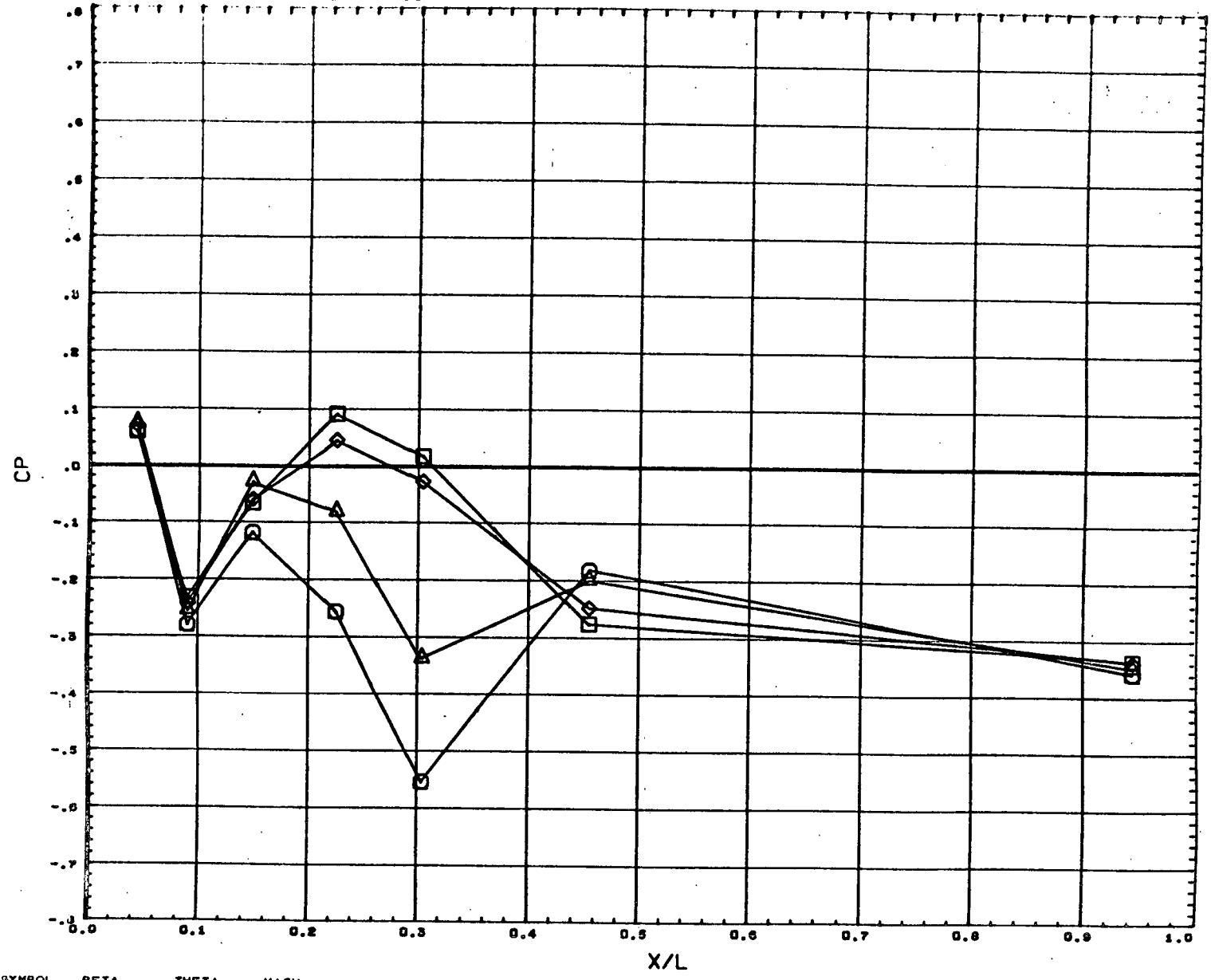
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.994
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



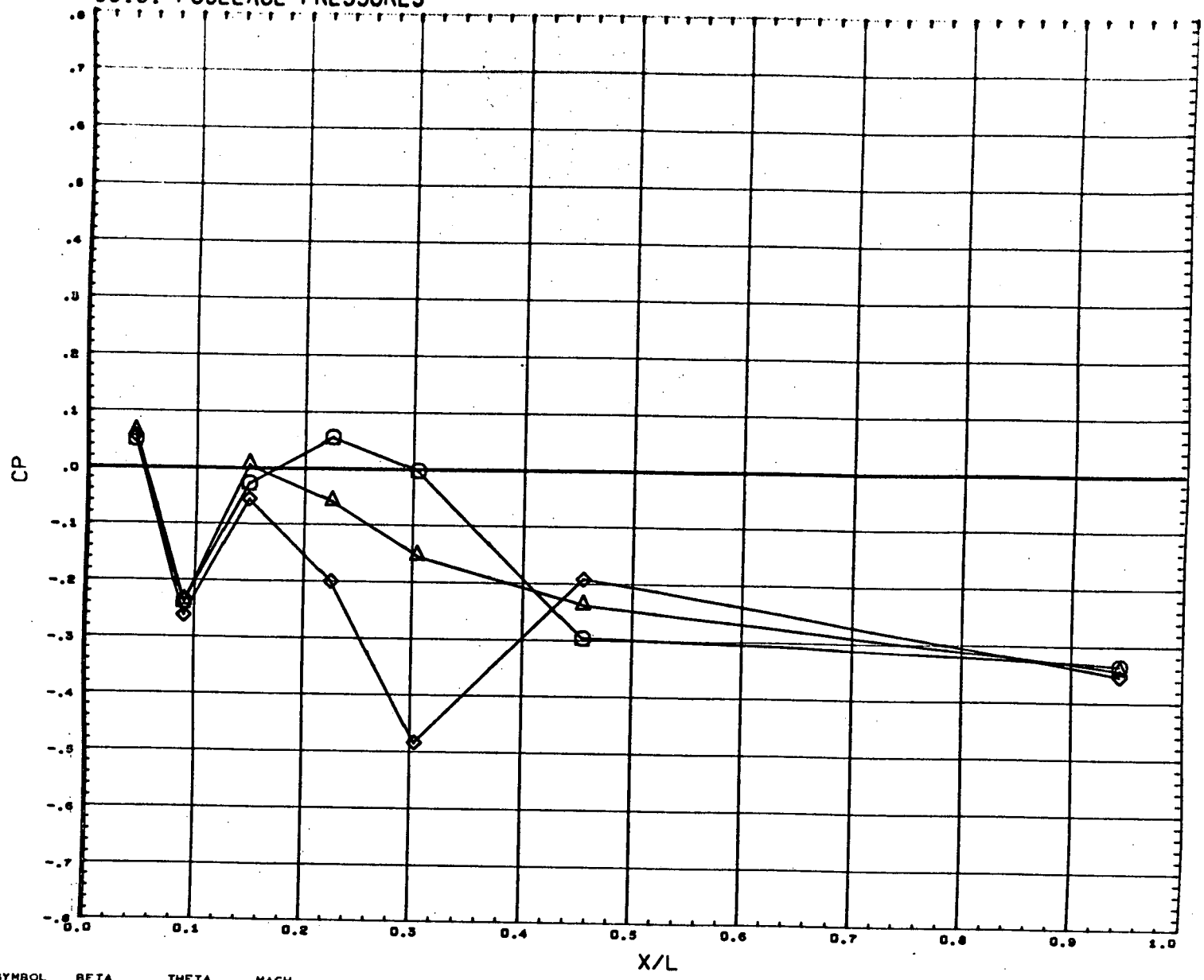
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.095
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.095
△	4.000		
◇	6.000		

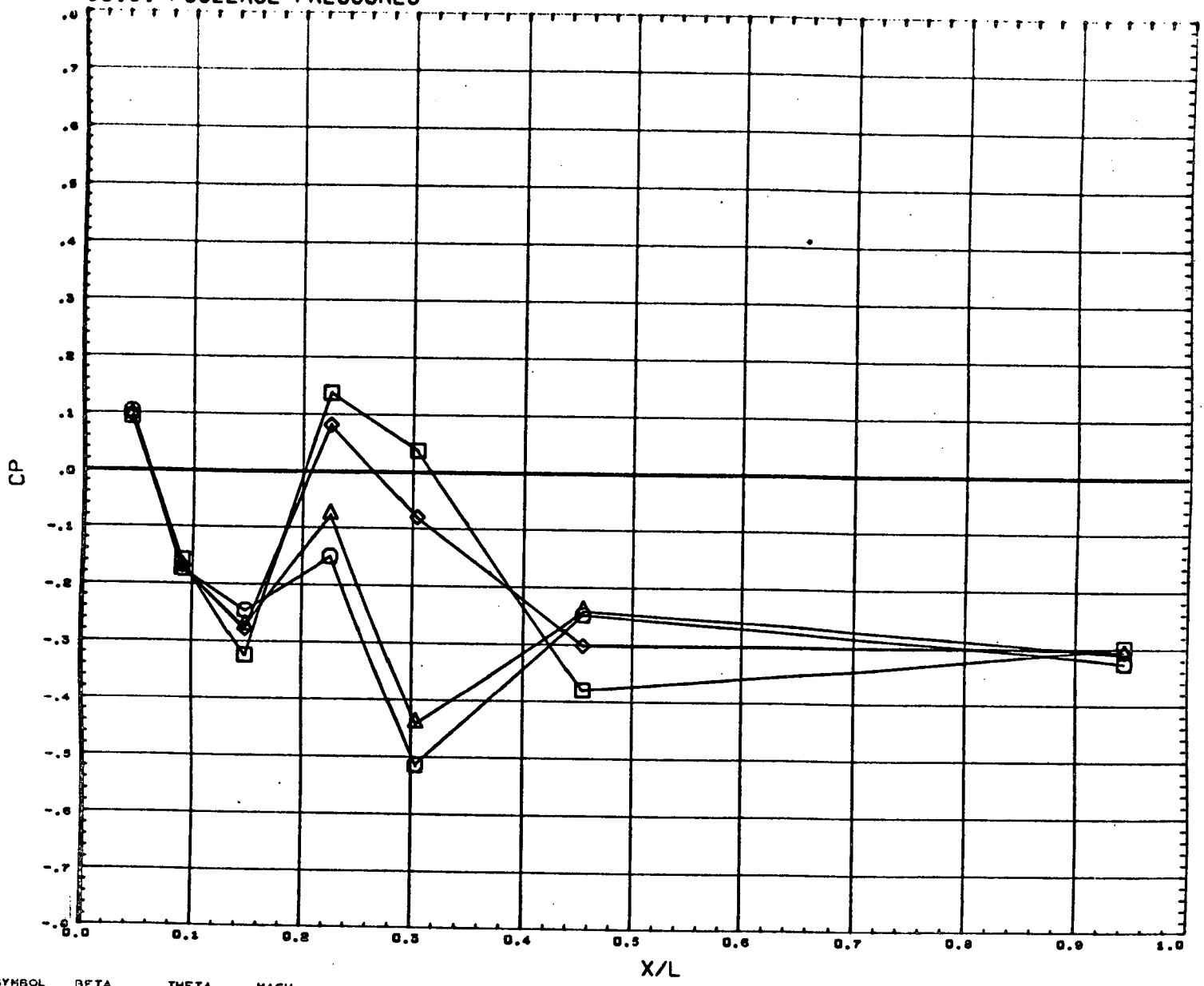
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.198
△	- 4.000		
◇	- 2.000		
□	0.000		

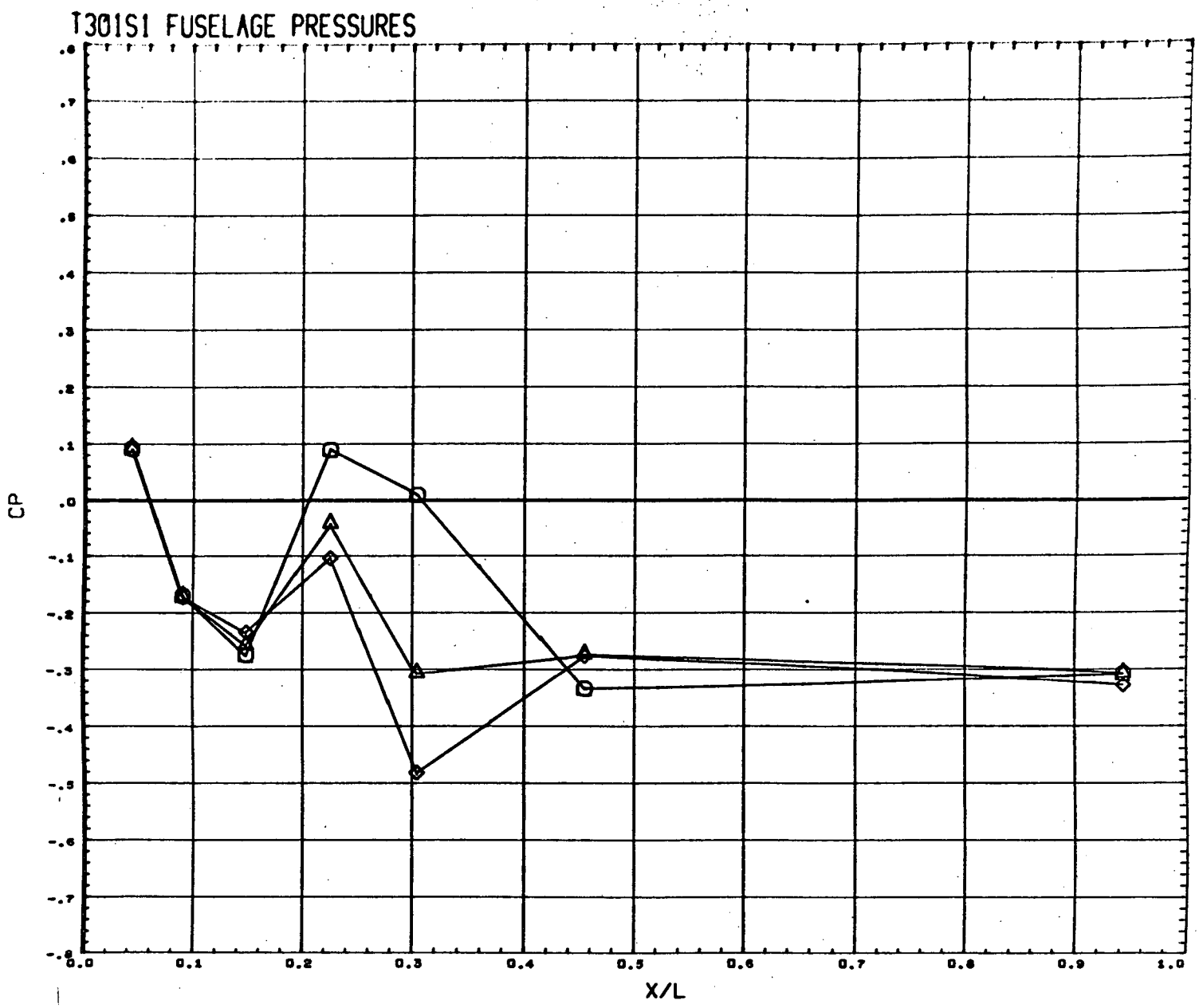
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73024)



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.198
△	4.000		
◇	6.000		

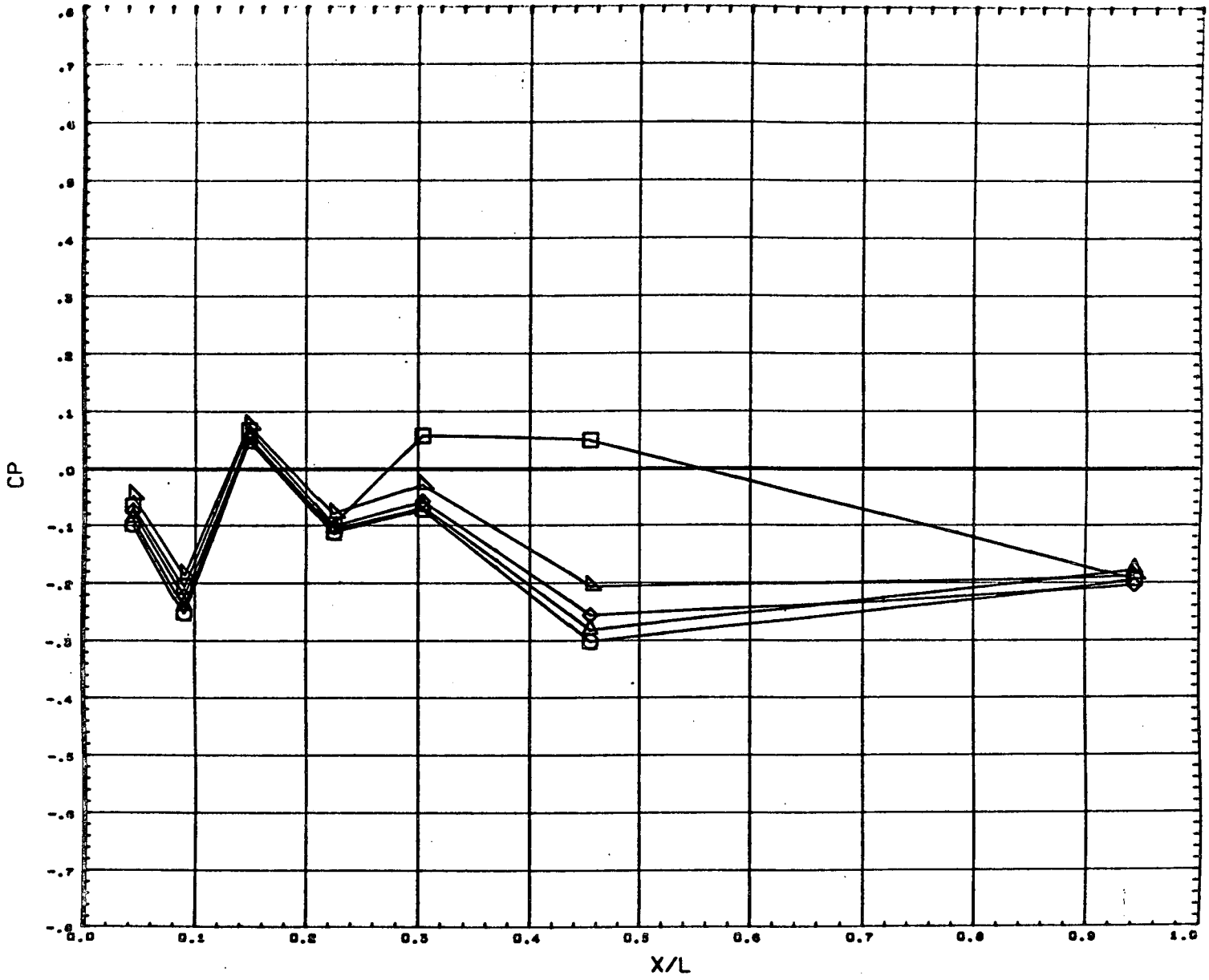
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.596
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

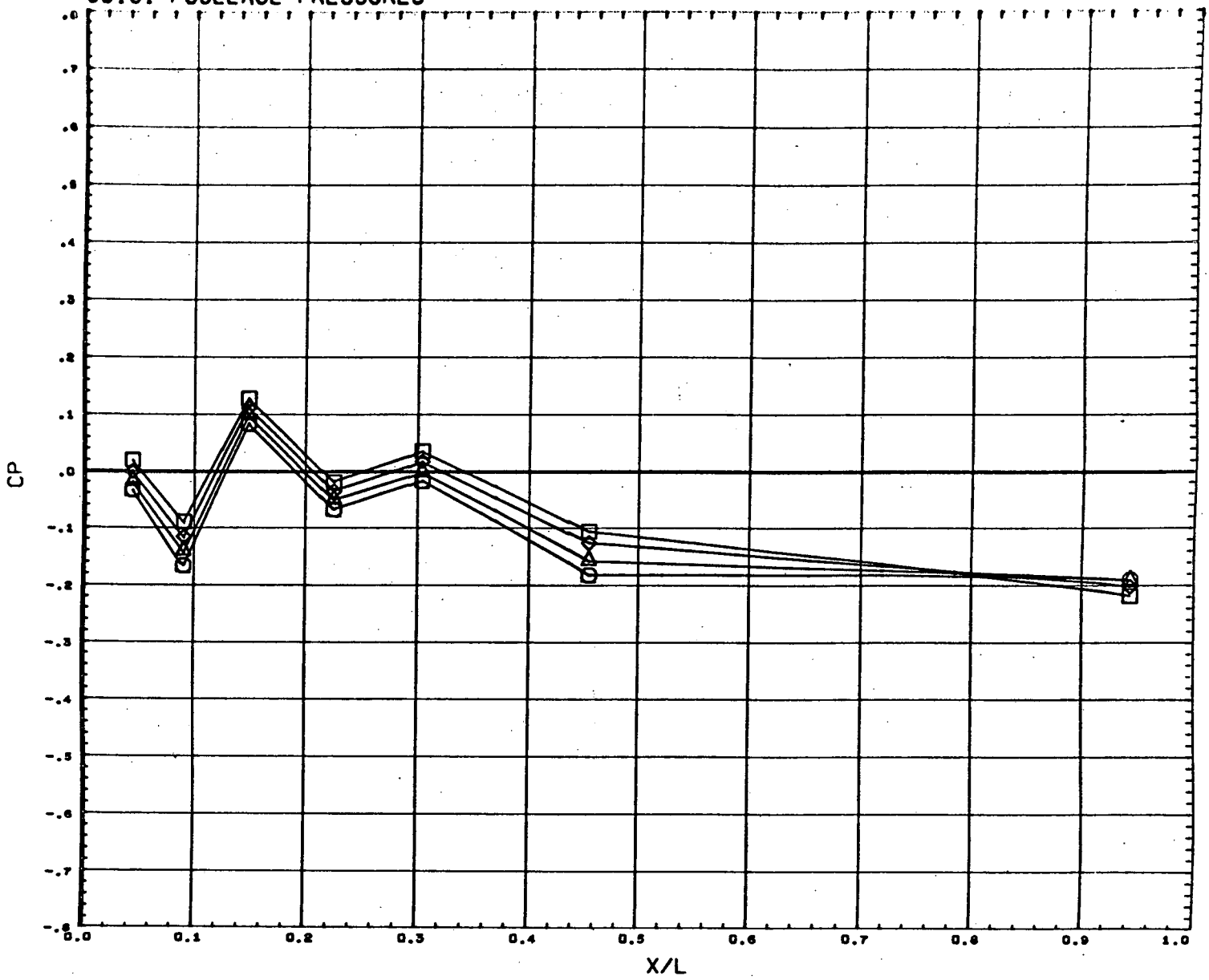
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.596
△	4.000		
◇	6.000		
□	8.000		

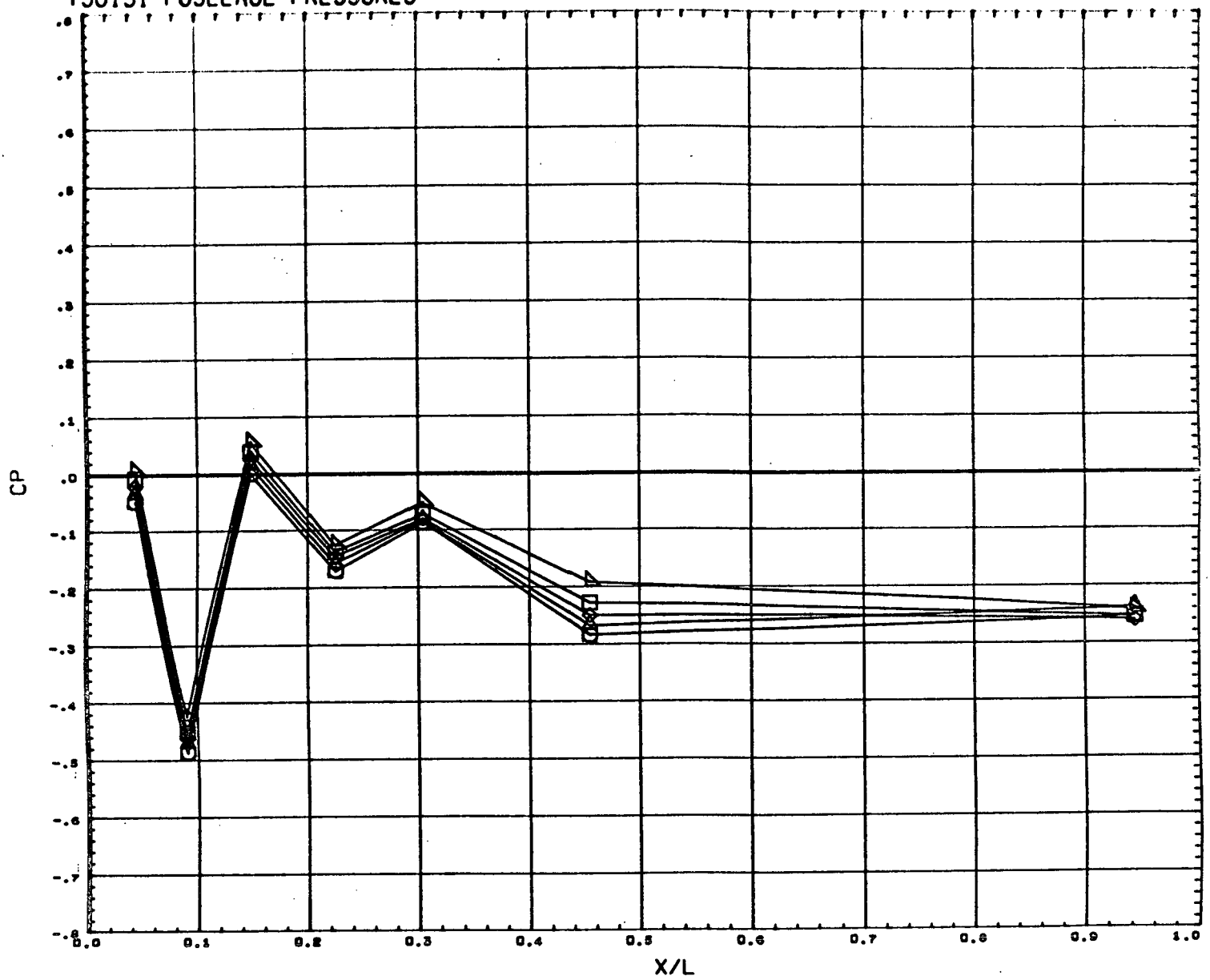
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

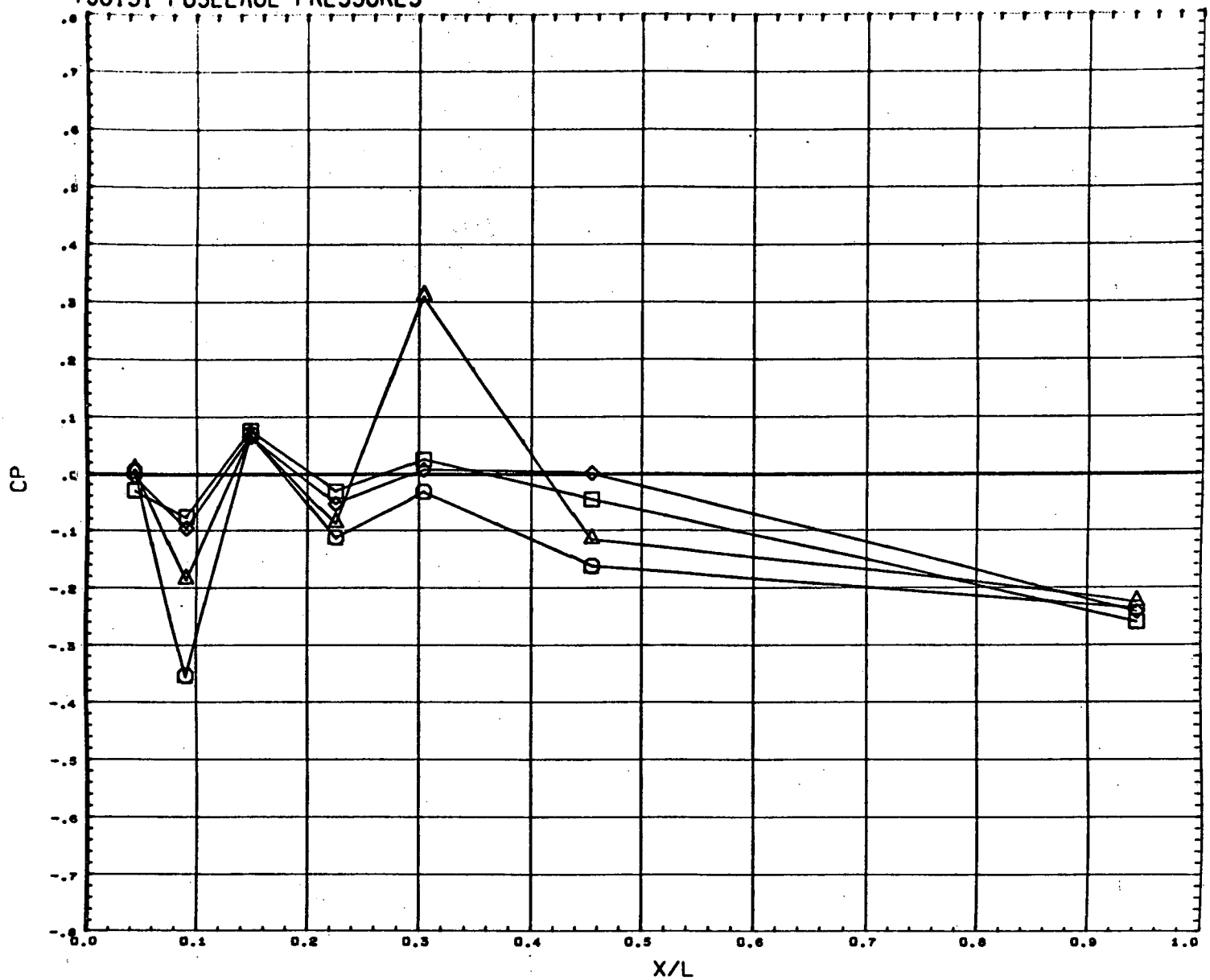
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.899
△	4.000		
◇	6.000		
□	8.000		

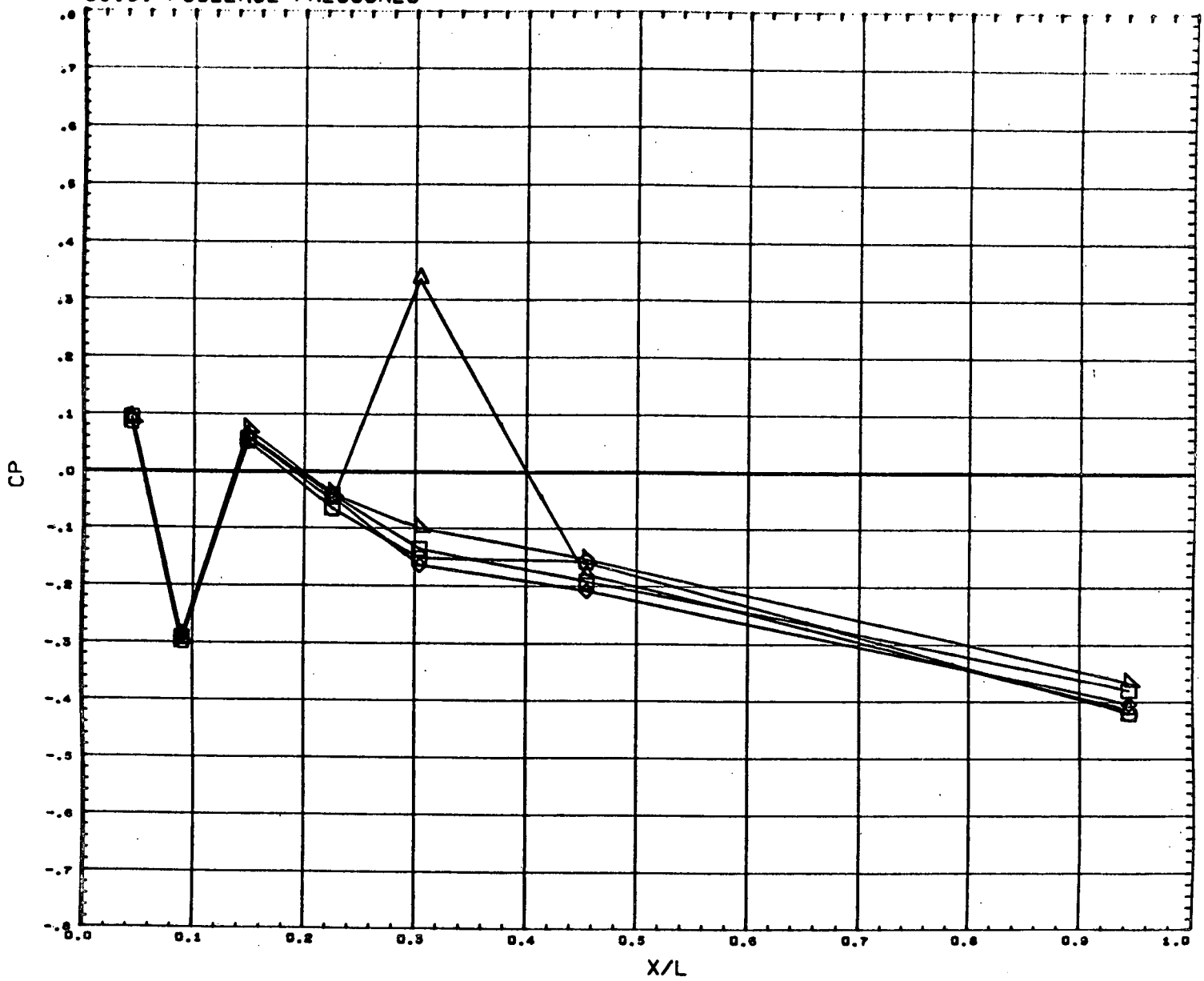
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.999
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

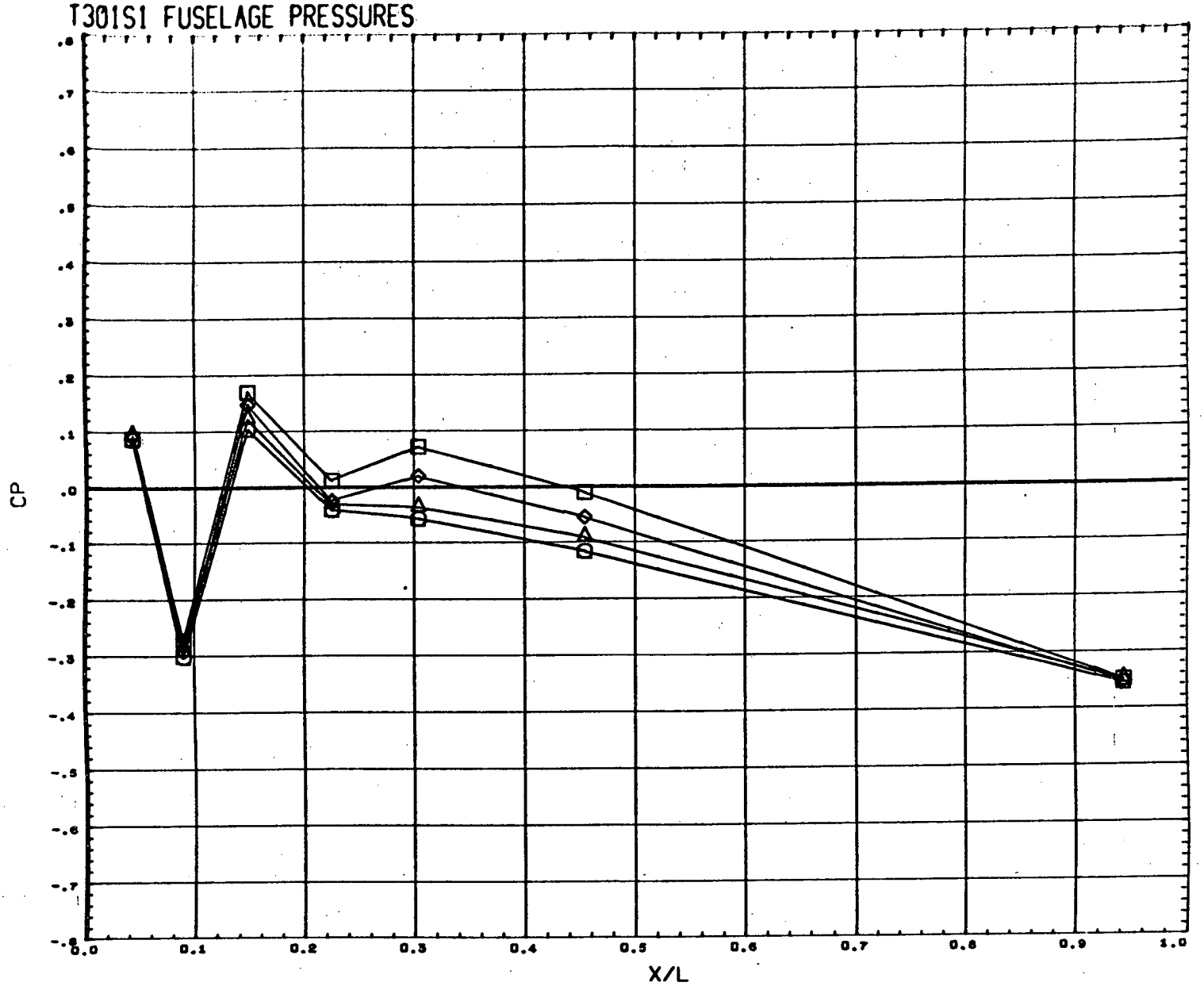
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.999
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

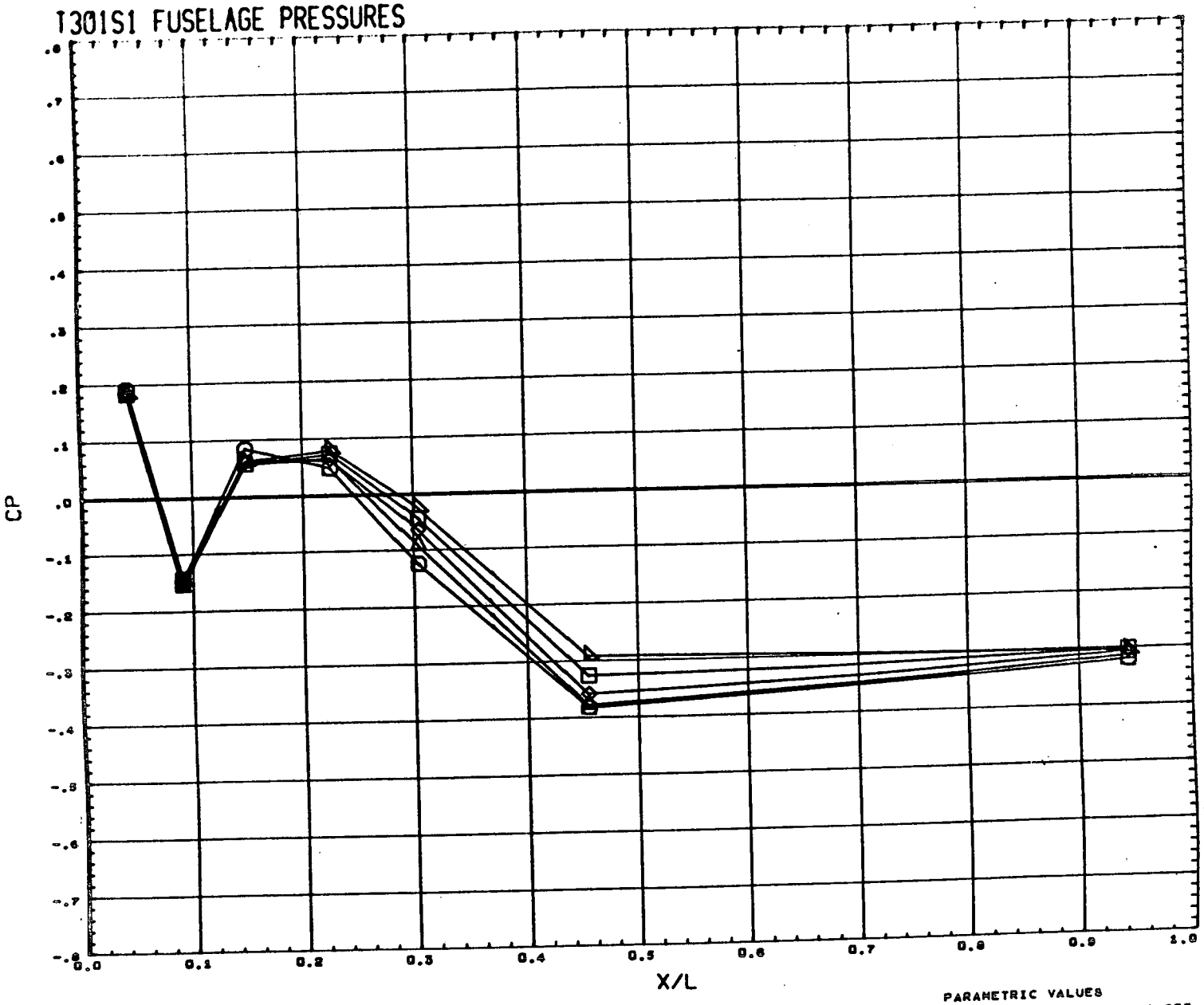
BETA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73025)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	1.101
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

REFERENCE FILE

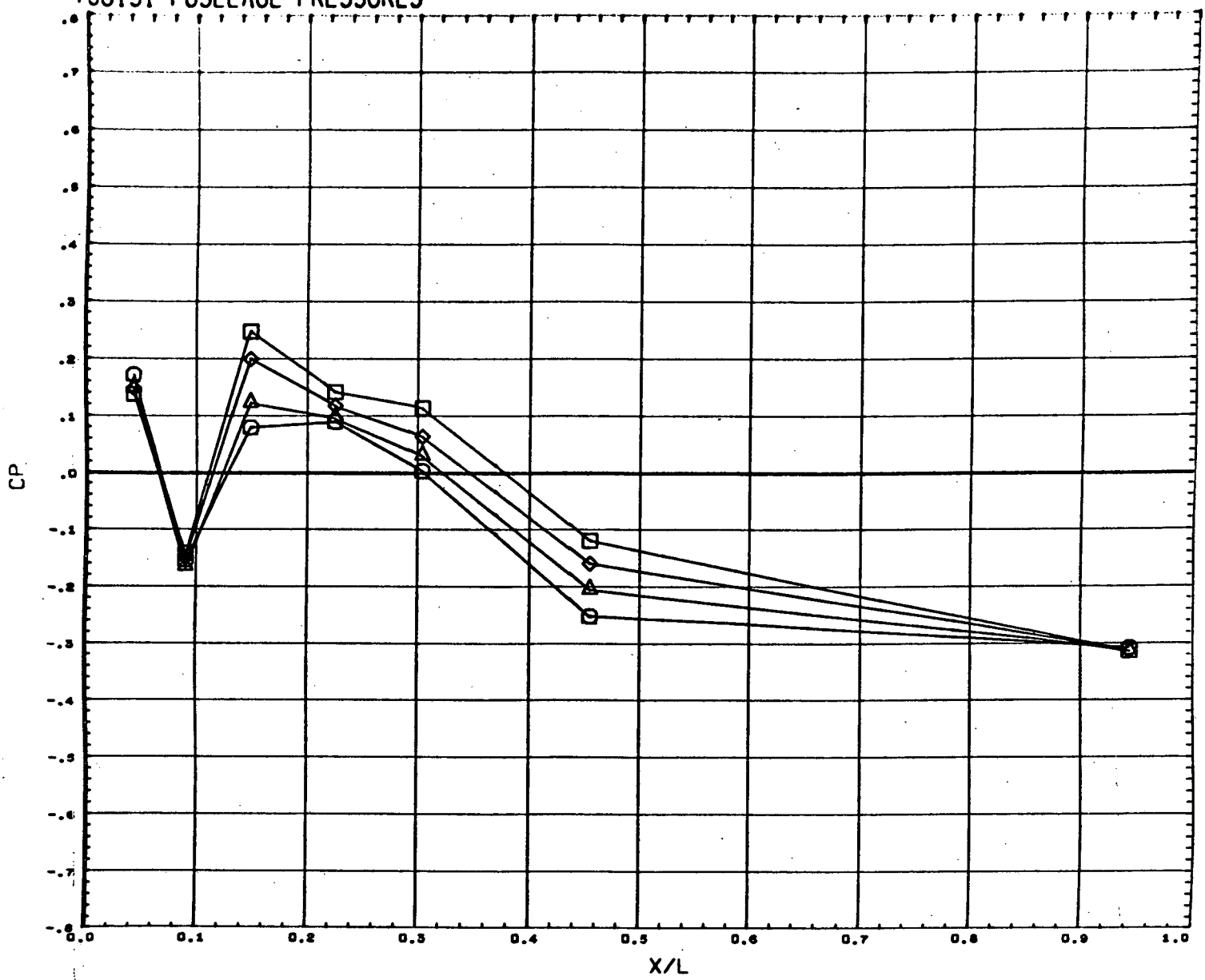
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73025)

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.101
△	4.000		
◇	6.000		
□	8.000		

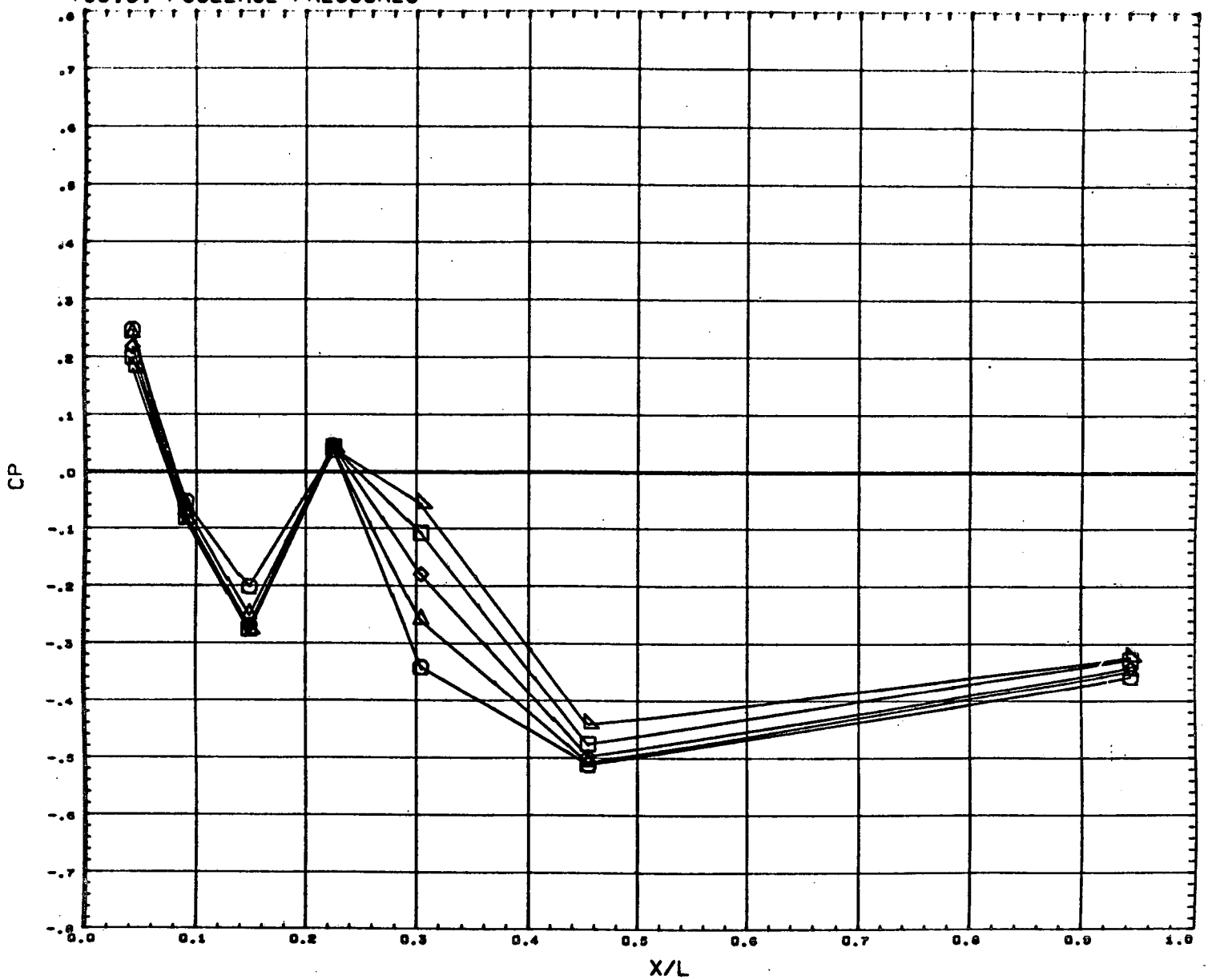
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
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△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

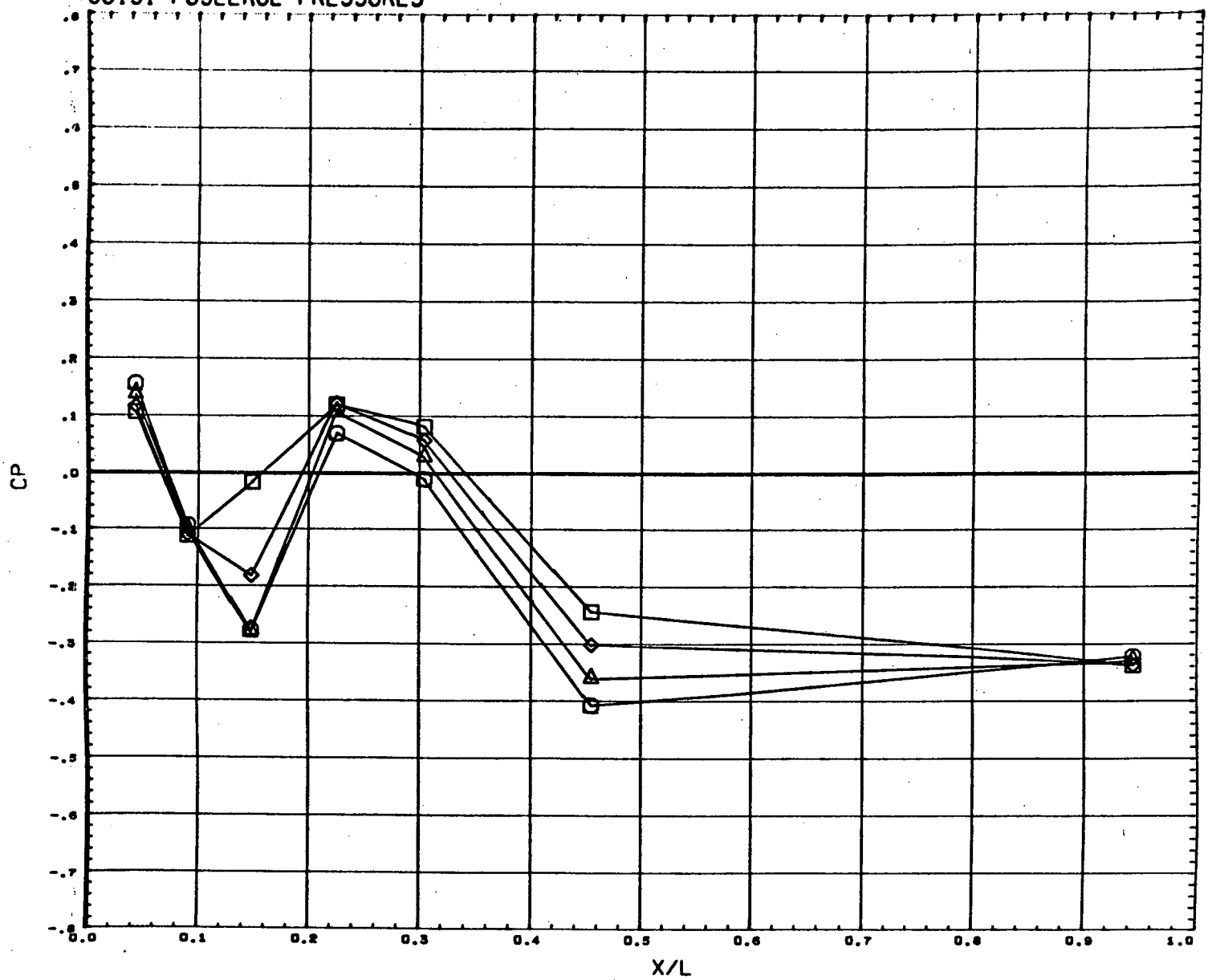
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.200
△	4.000		
◇	6.000		
□	8.000		

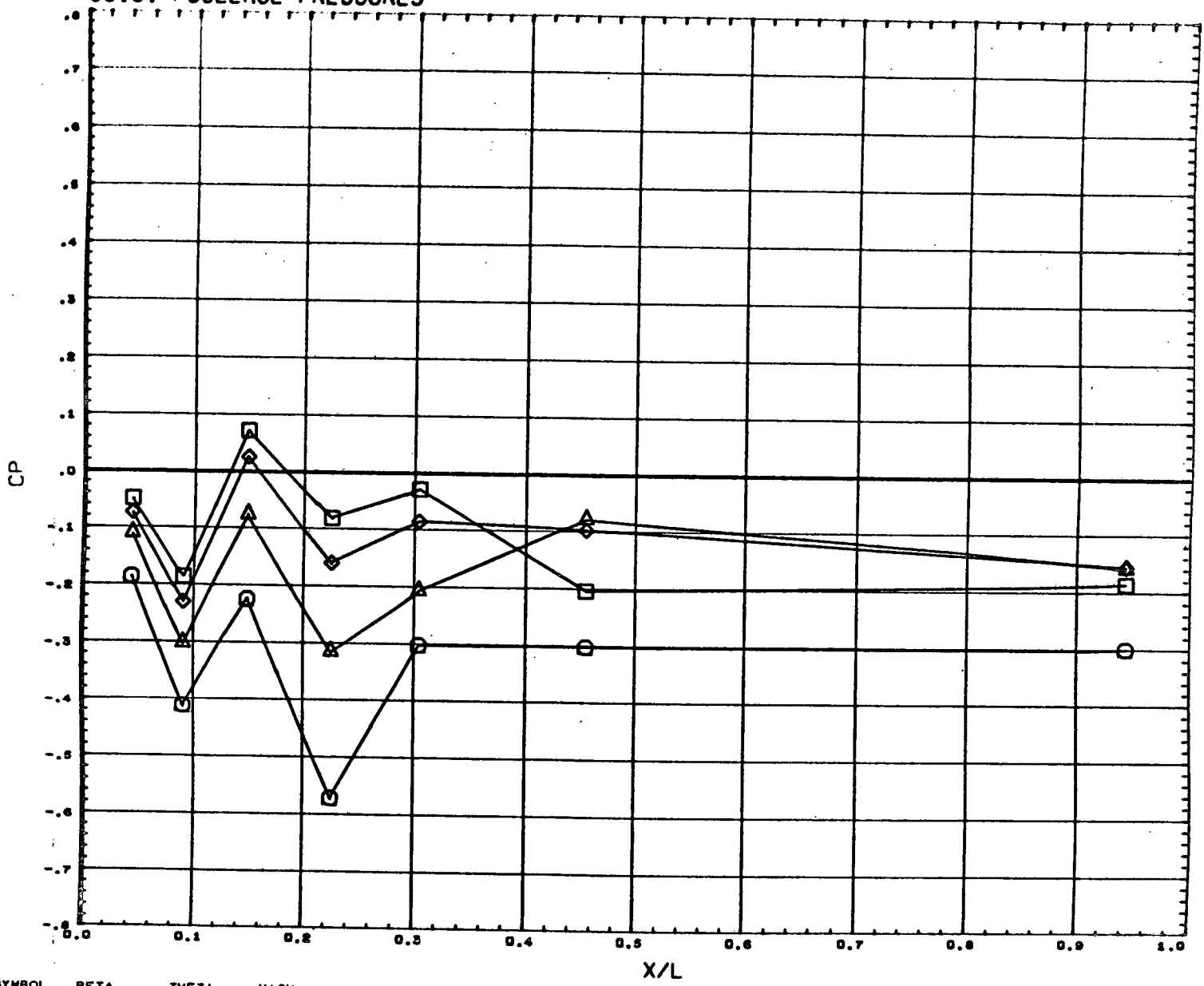
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.596
△	- 4.000		
◇	- 2.000		
□	0.000		

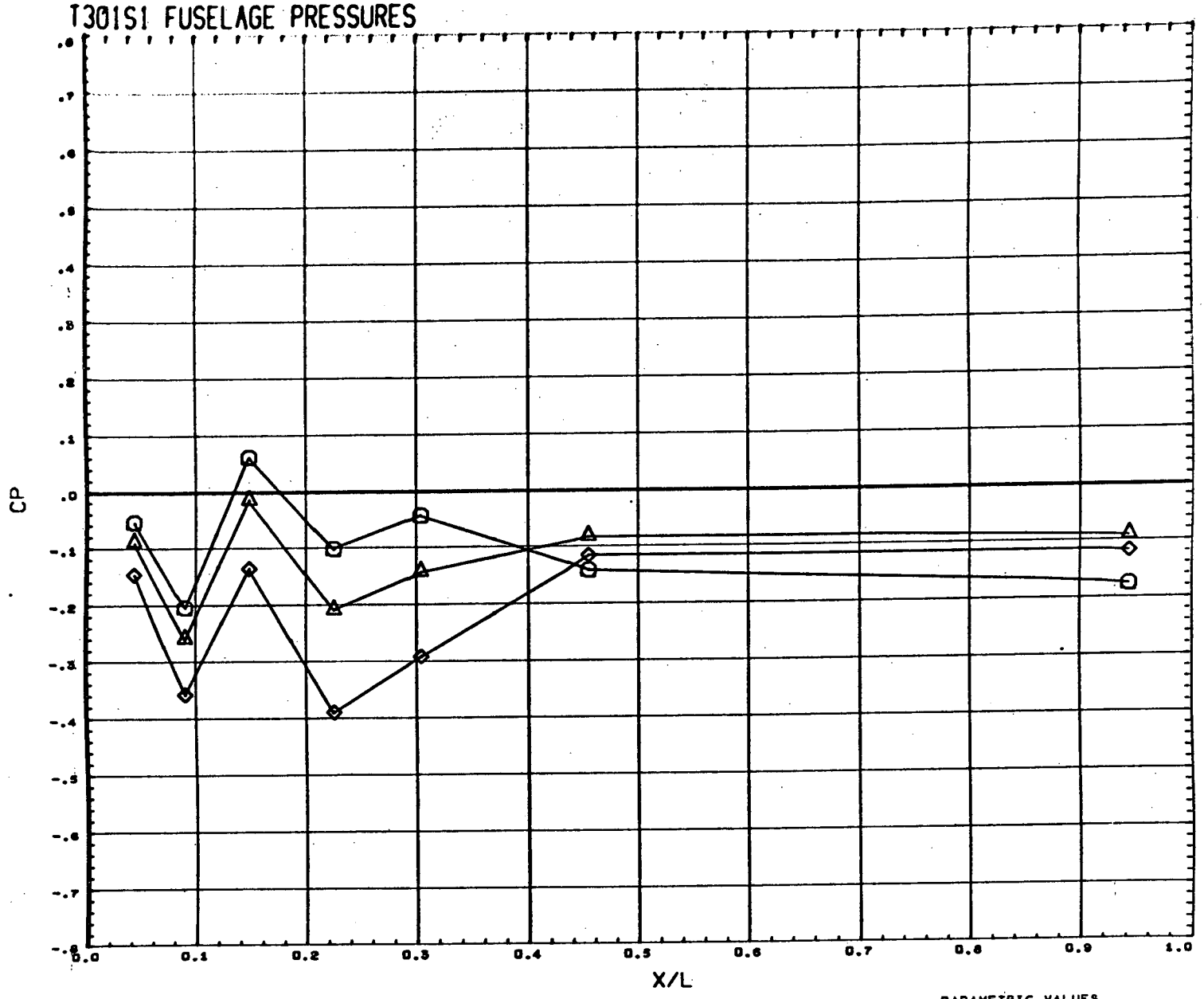
REFERENCE FILE

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.596
△	4.000		
◇	6.000		

PARAMETRIC VALUES

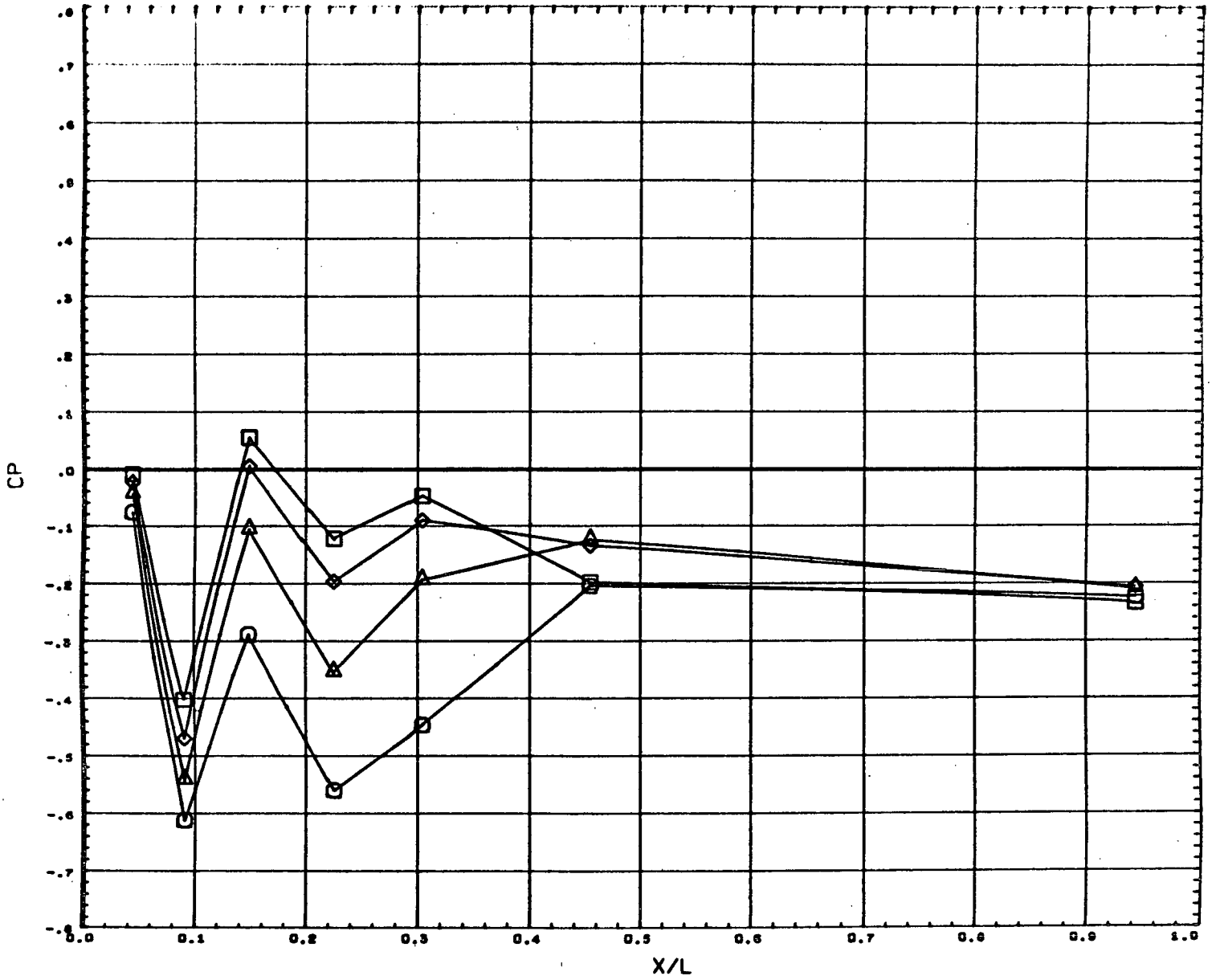
ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73026)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.900
△	- 4.000		
◇	- 2.000		
□	0.000		

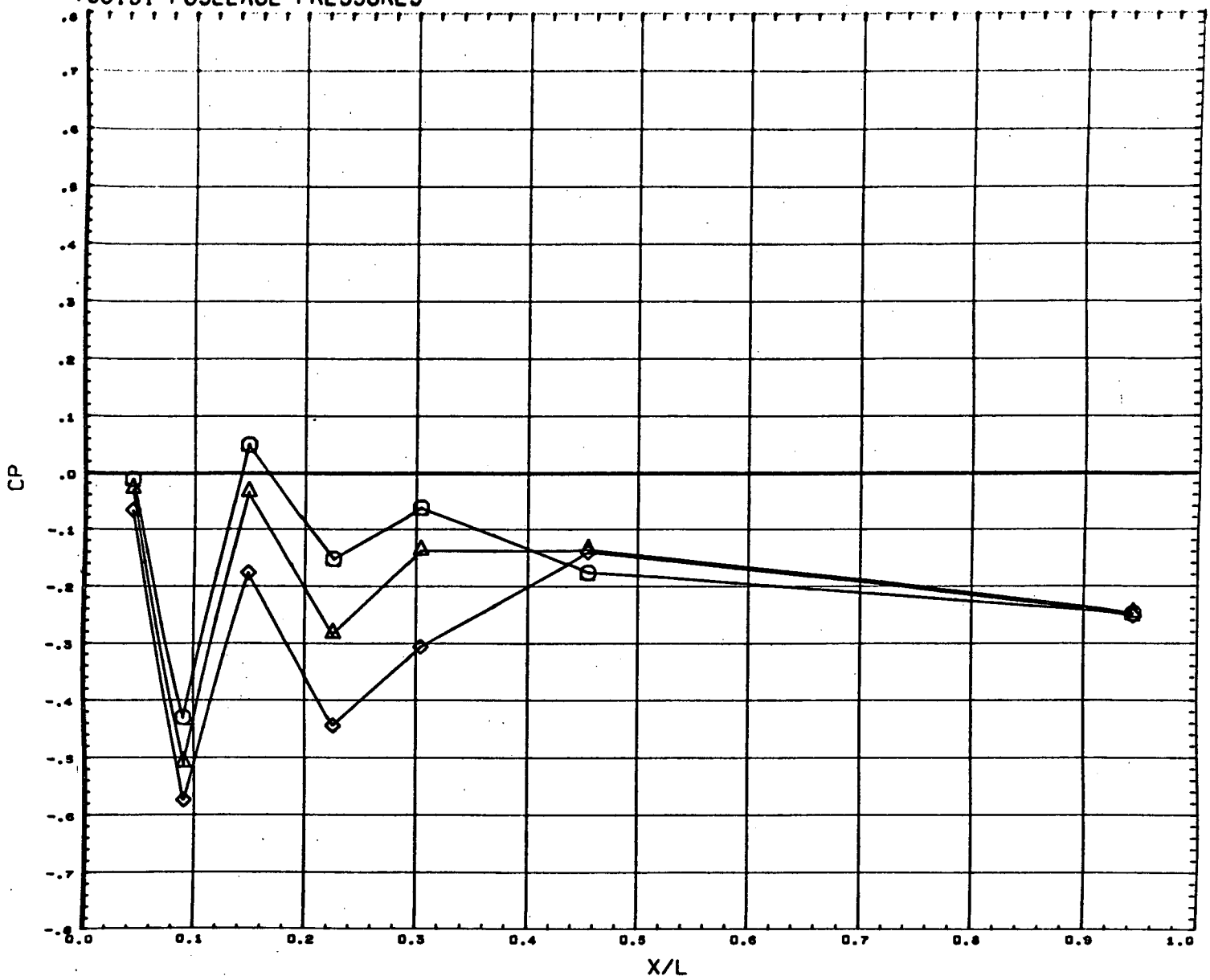
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



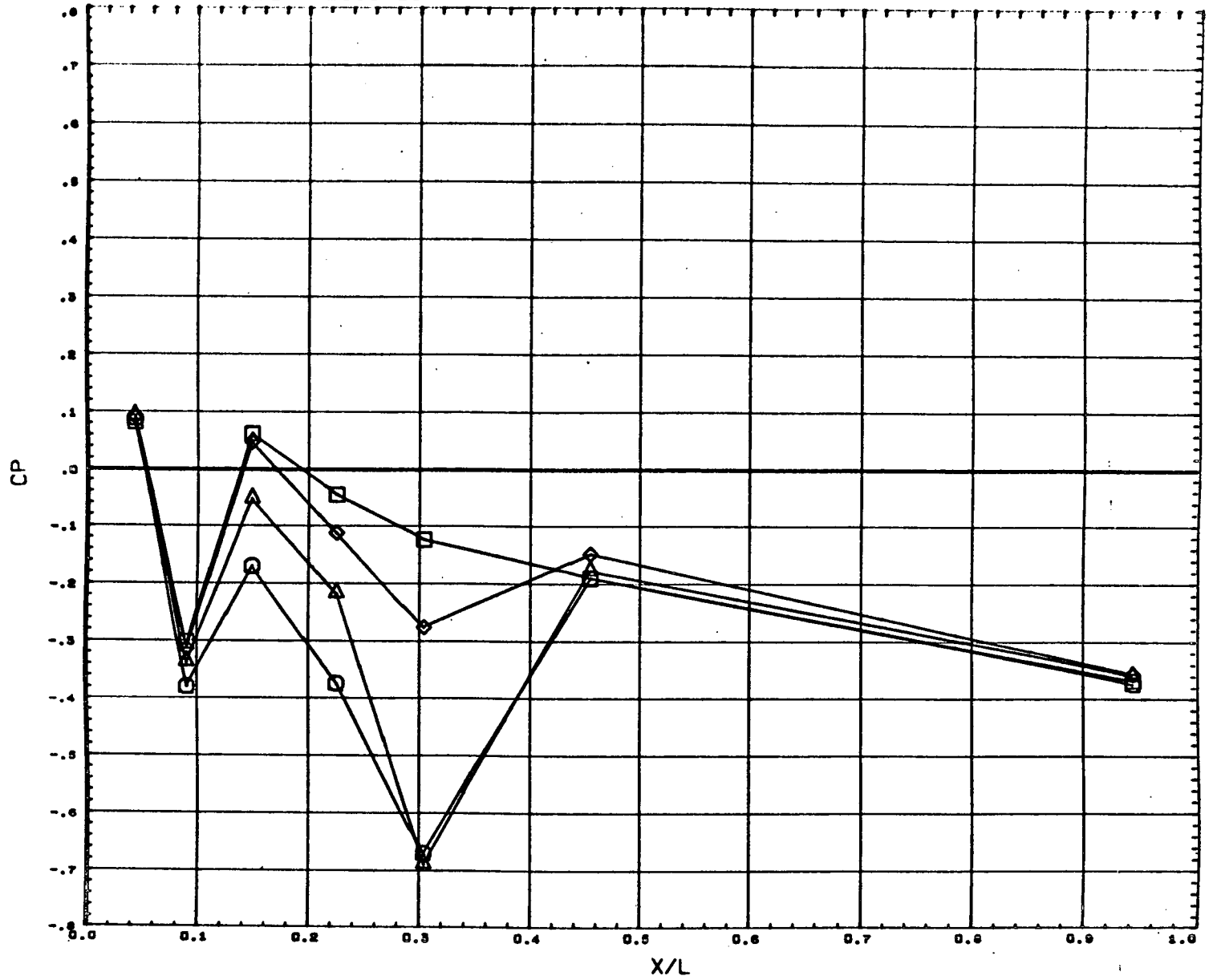
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.900
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	135.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.002
△	- 4.000		
◇	- 2.000		
□	0.000		

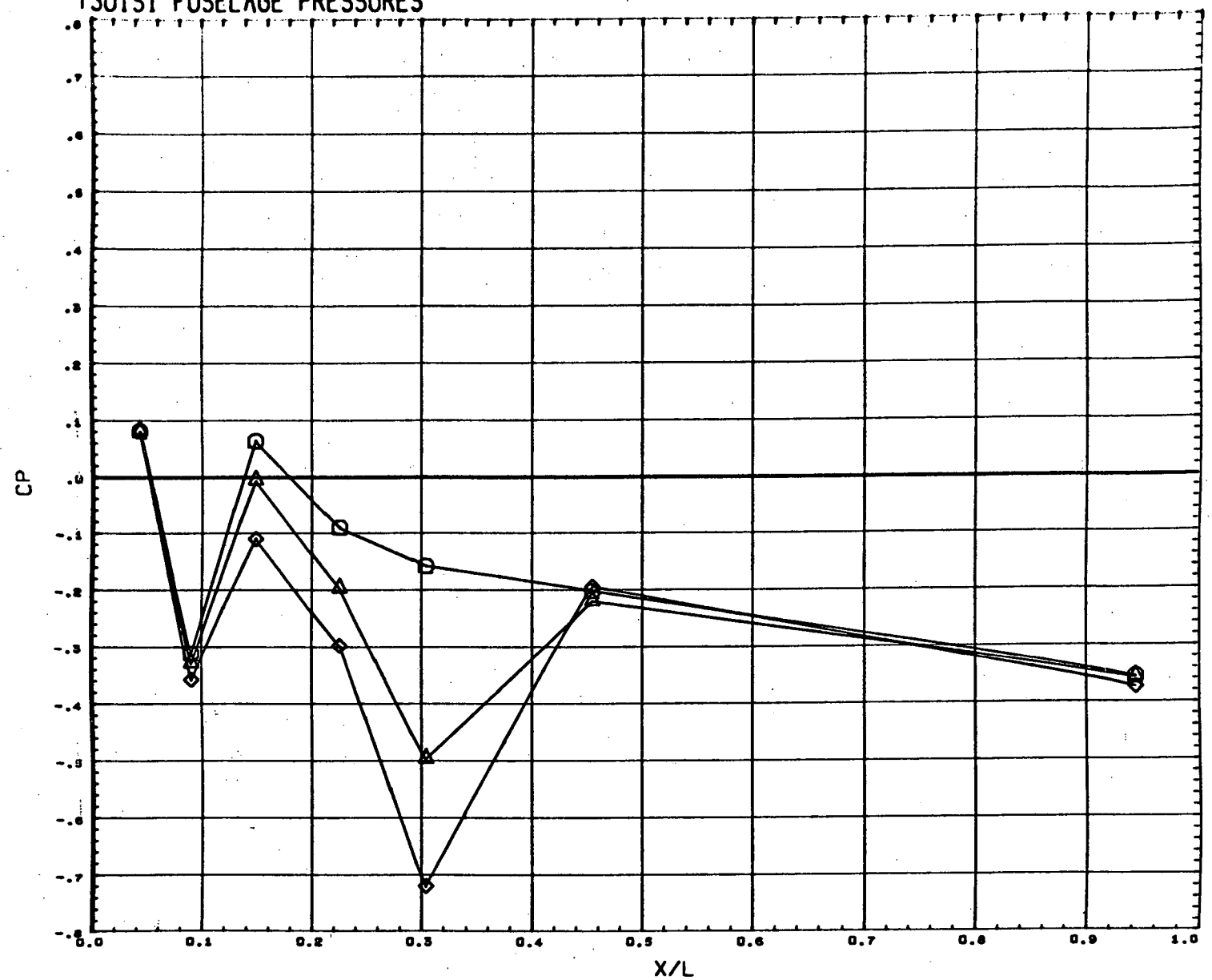
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



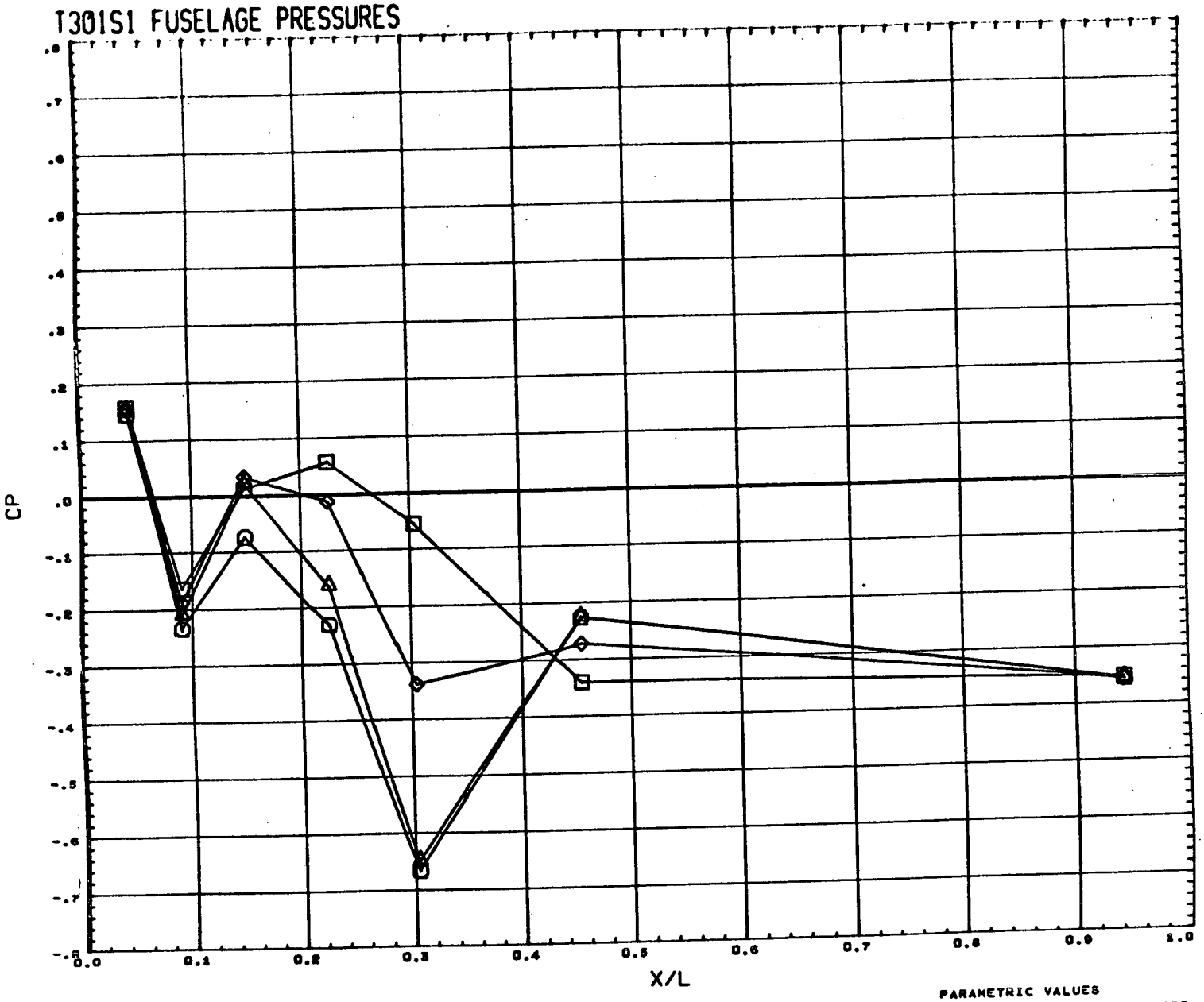
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.002
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	135.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.099
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

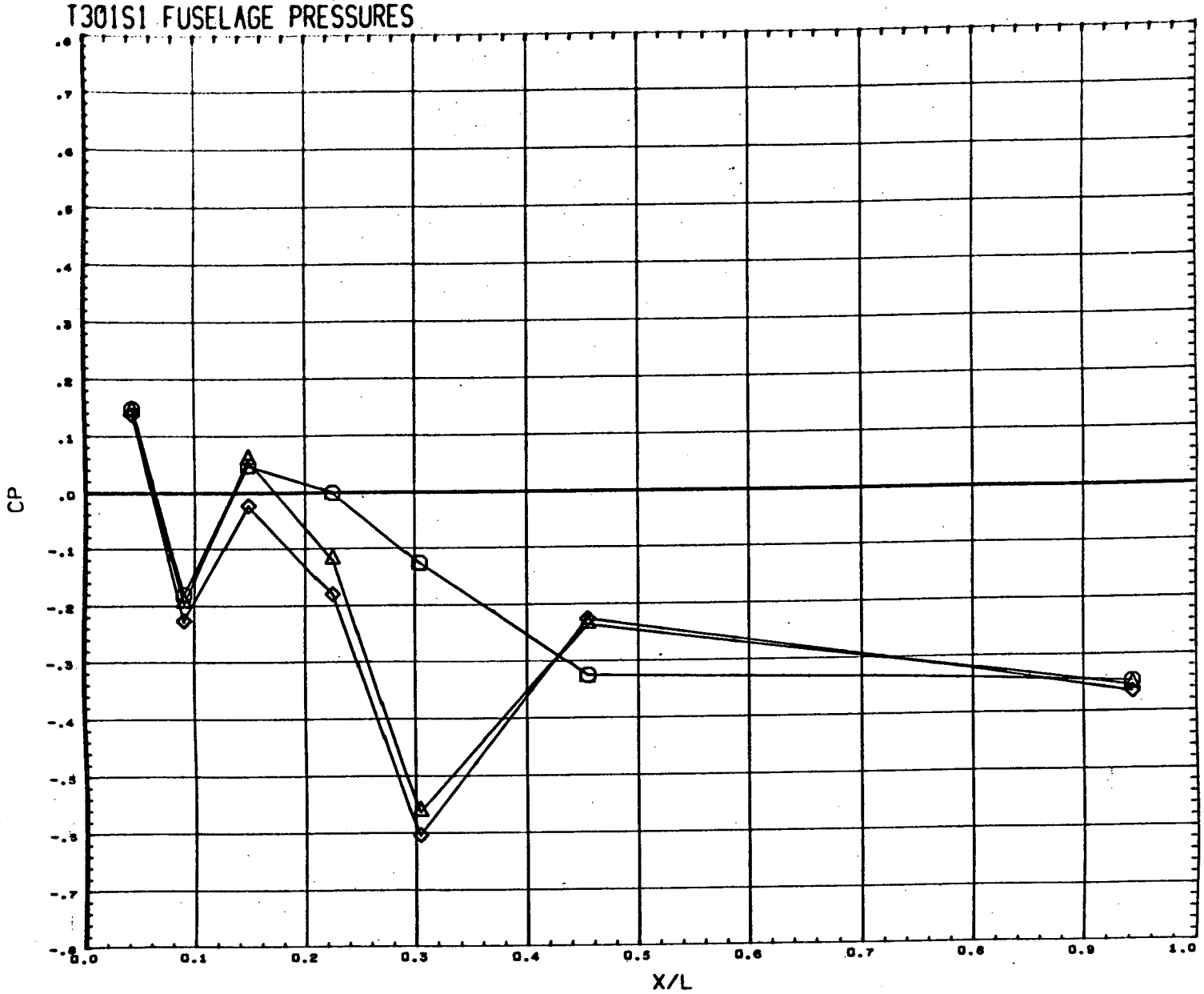
ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

MSFC, TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73026)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.099
△	4.000		
◇	6.000		

PARAMETRIC VALUES

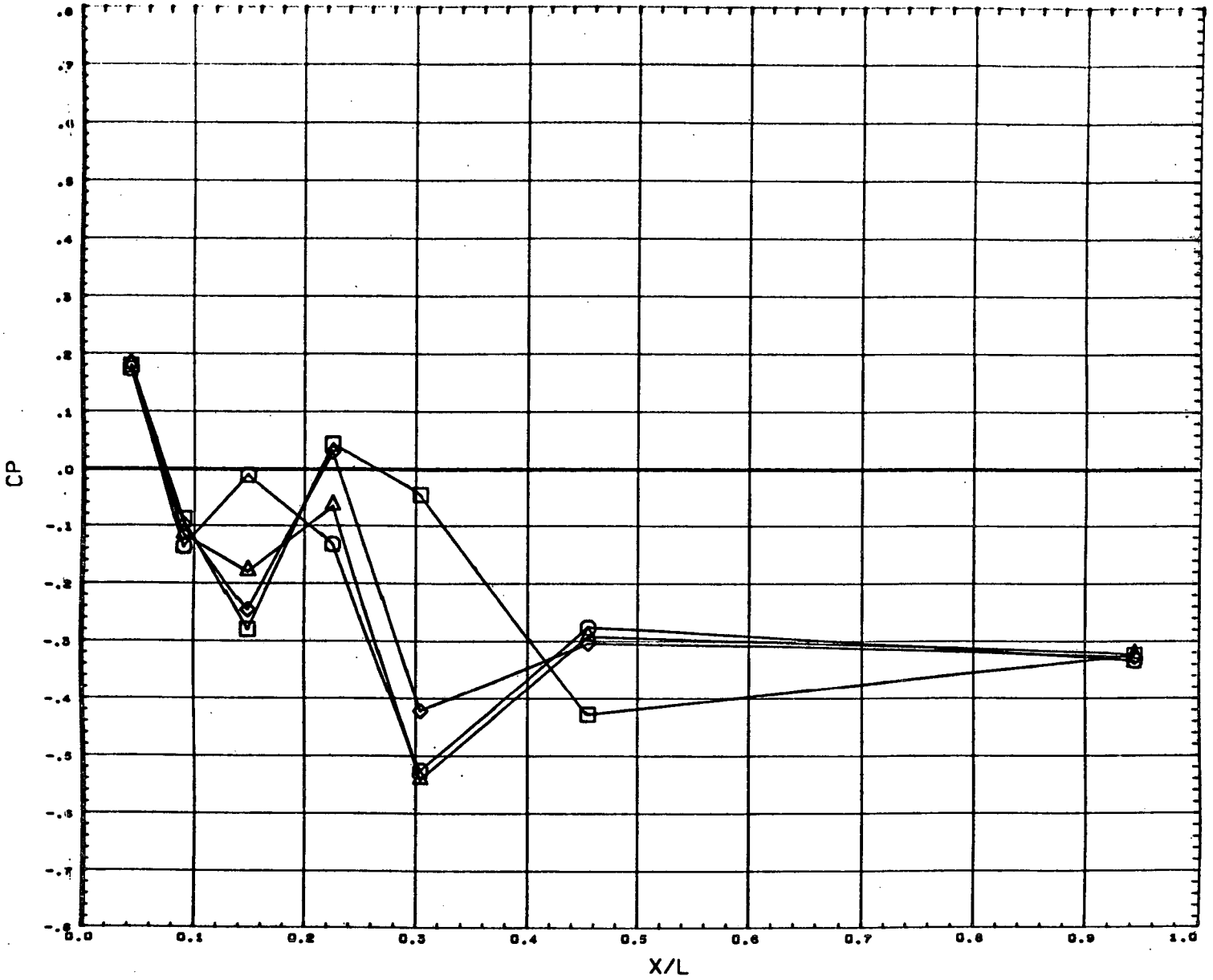
ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73026)

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

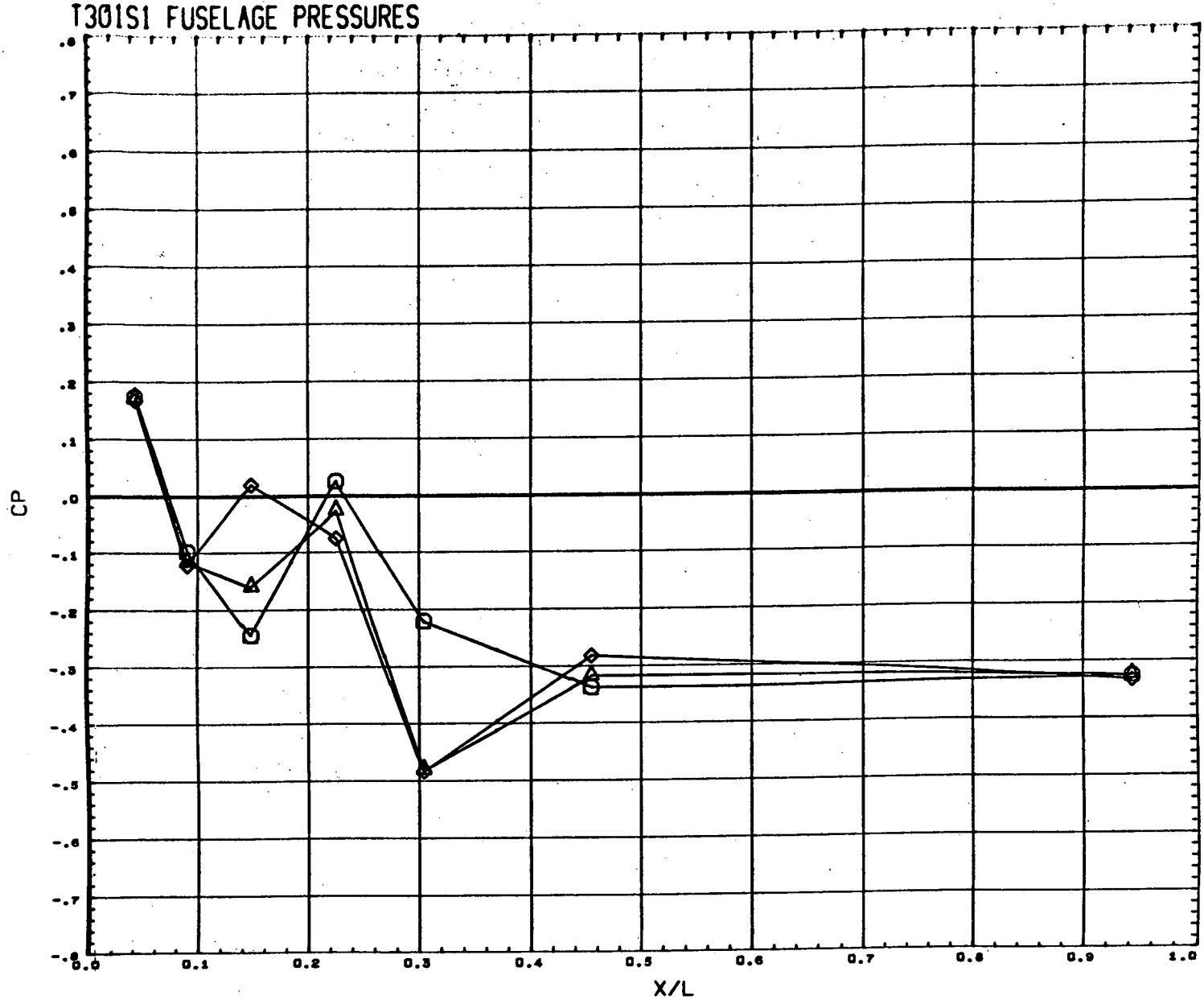
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

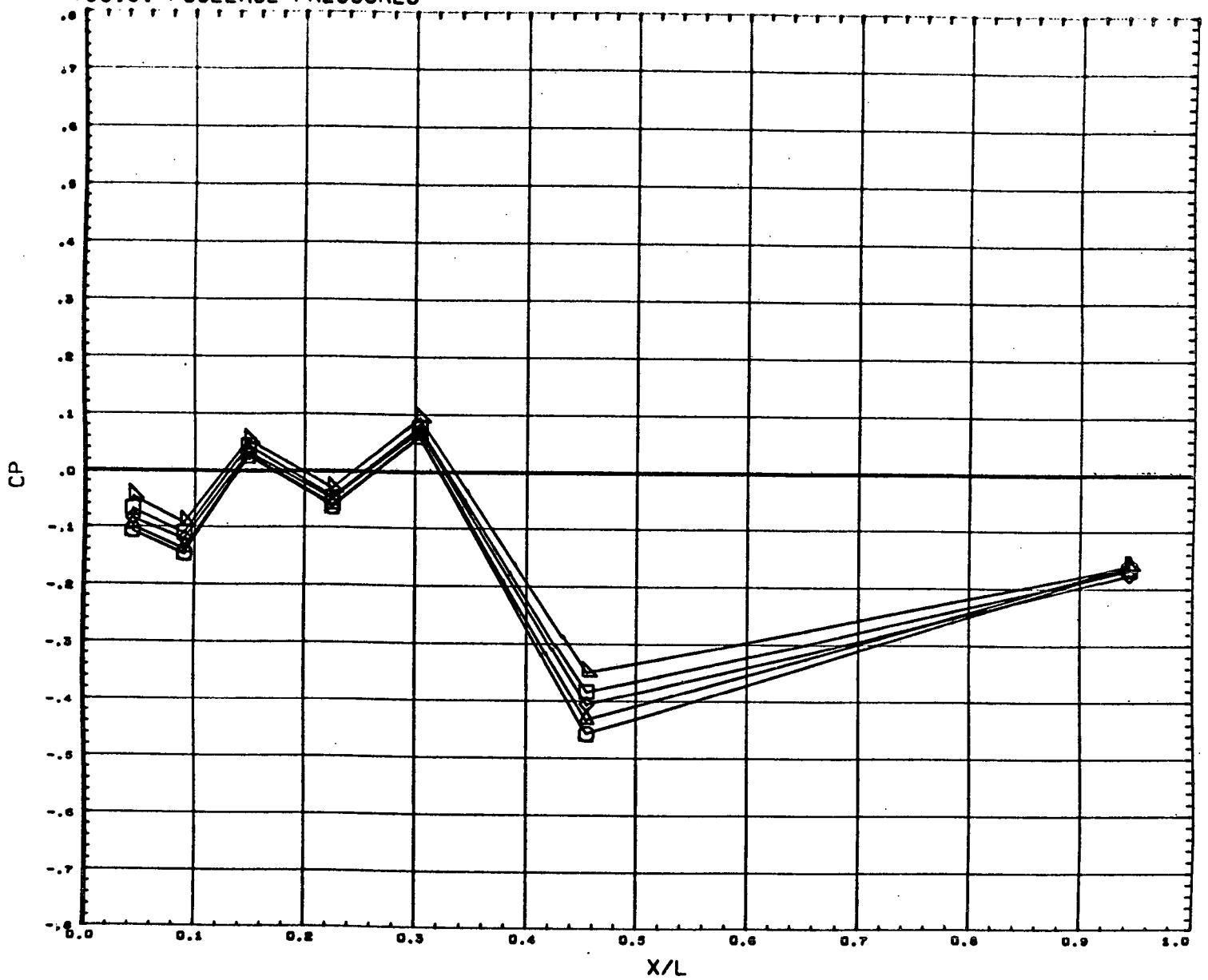
PHIS 135.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73026)

C3

T301S1 FUSELAGE PRESSURES



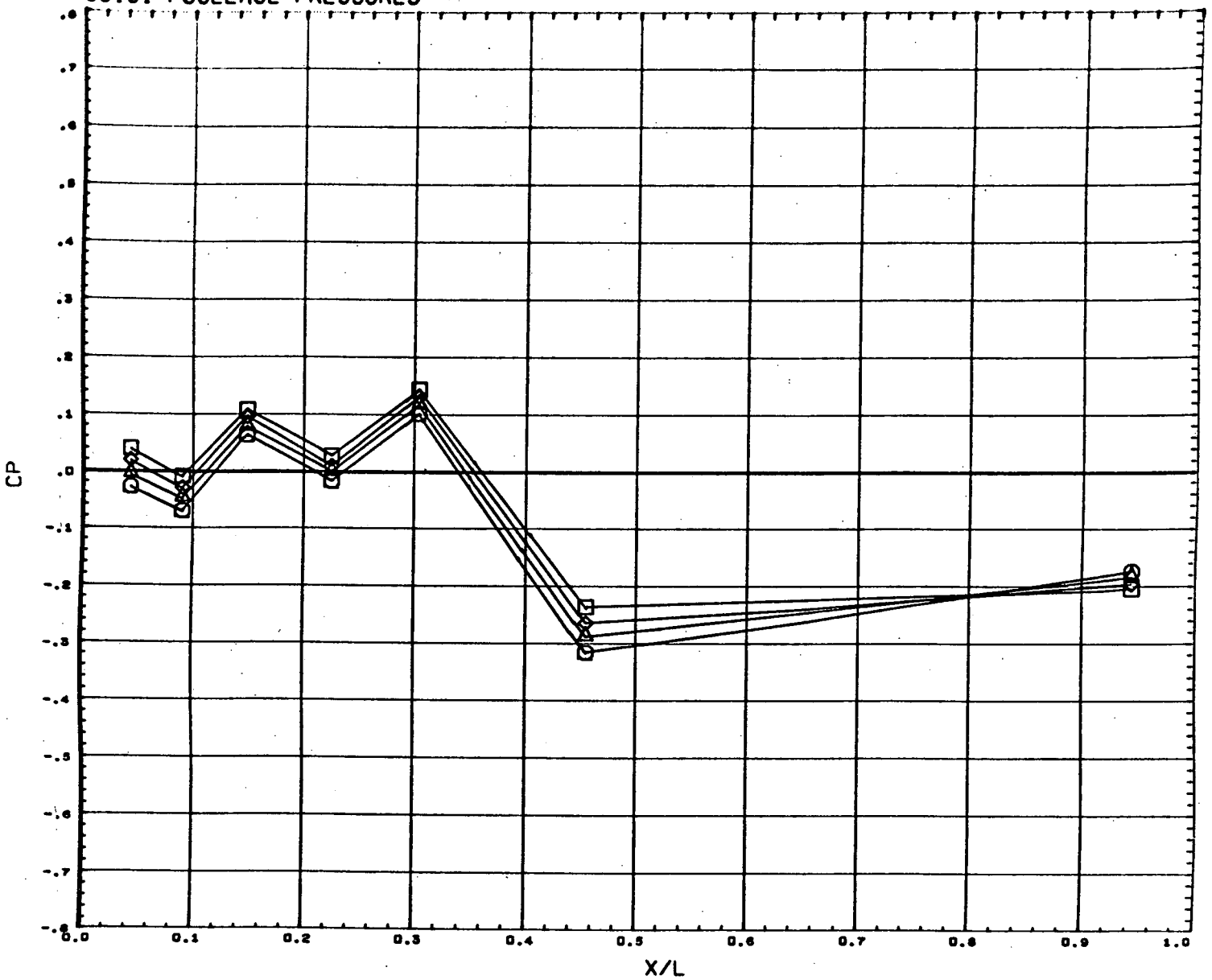
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.601
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



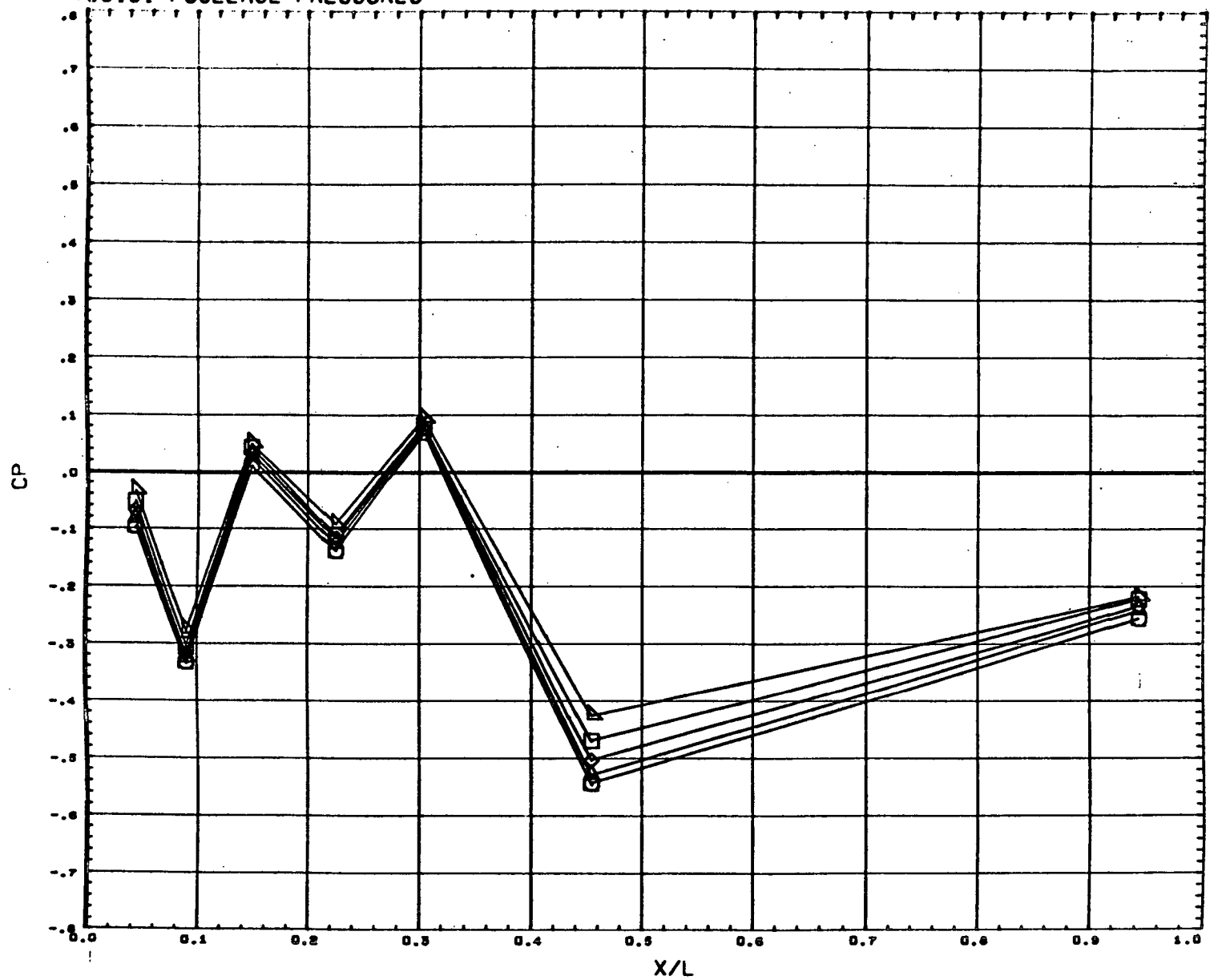
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.601
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



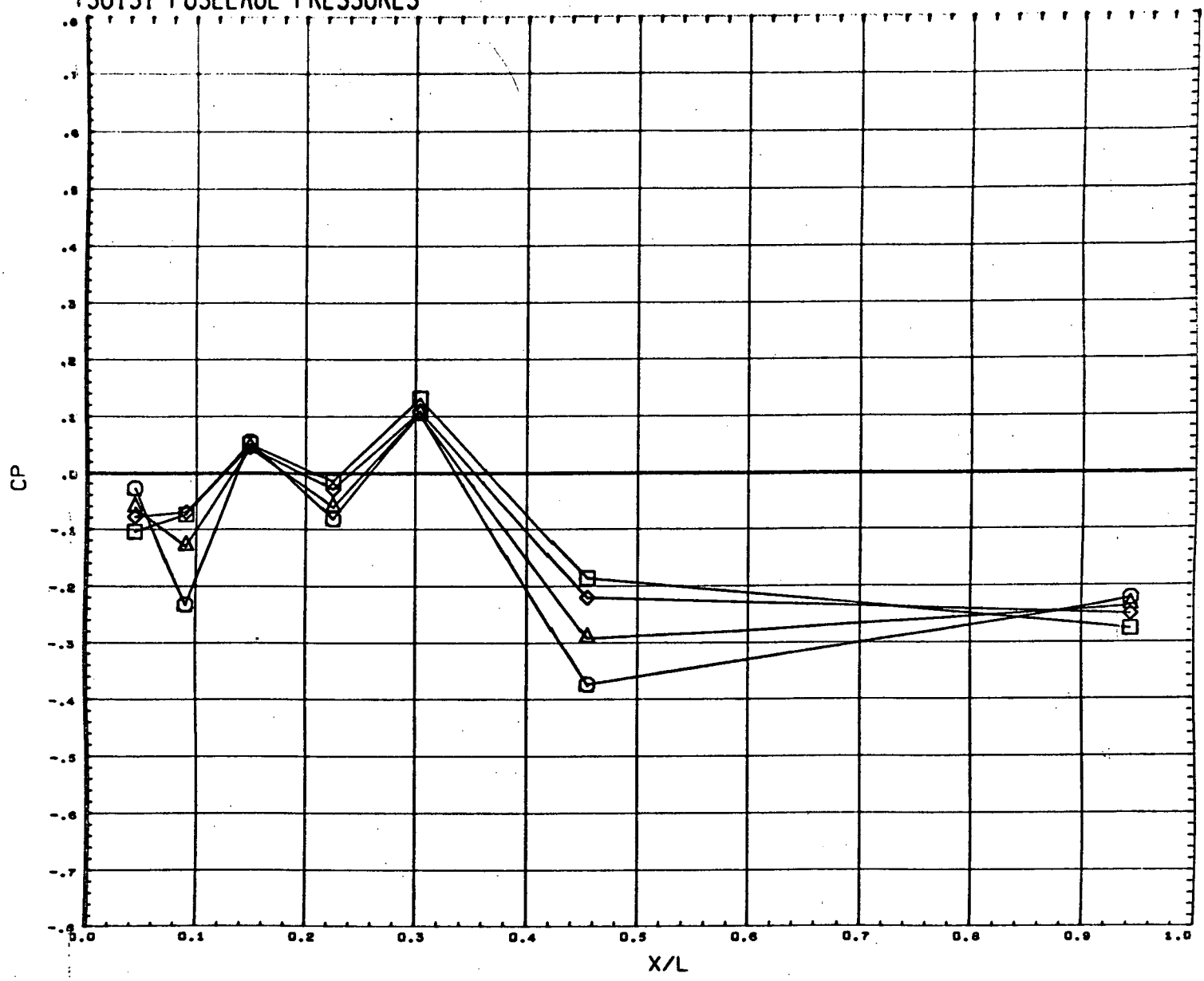
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	0.902
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	0.902
△	4.000		
◇	6.000		
□	8.000		

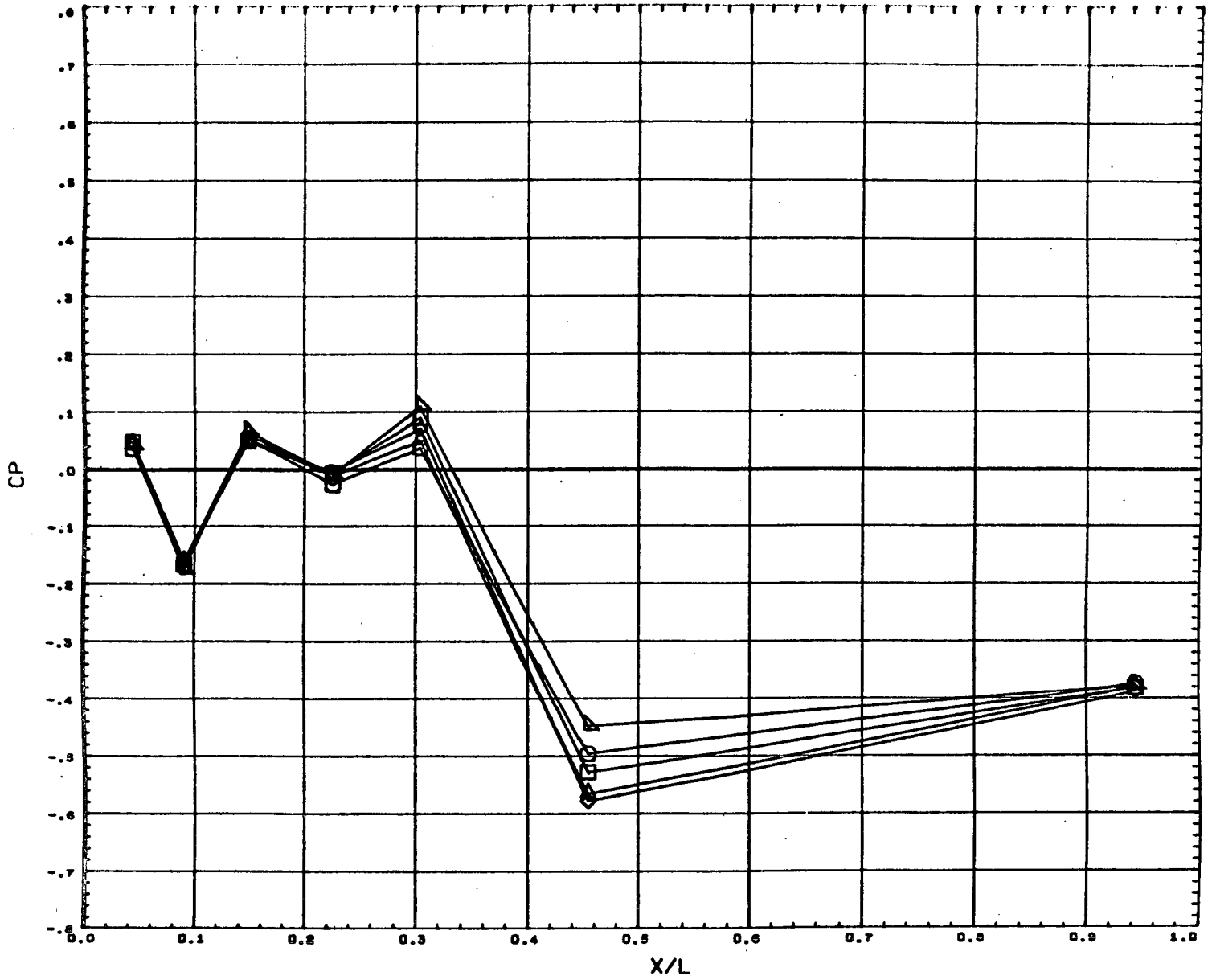
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



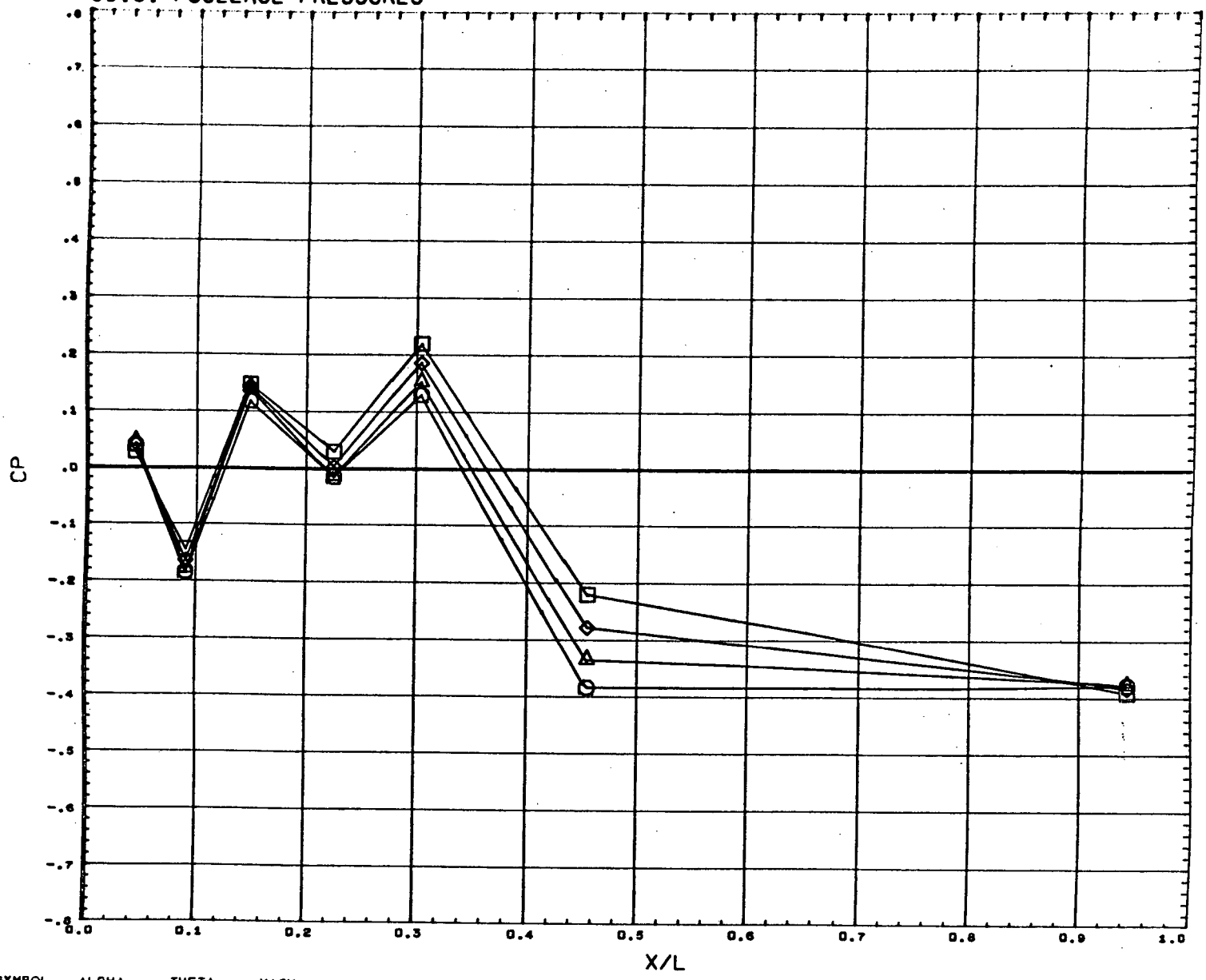
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.001
△	6.000		
◇	4.000		
□	2.000		
	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



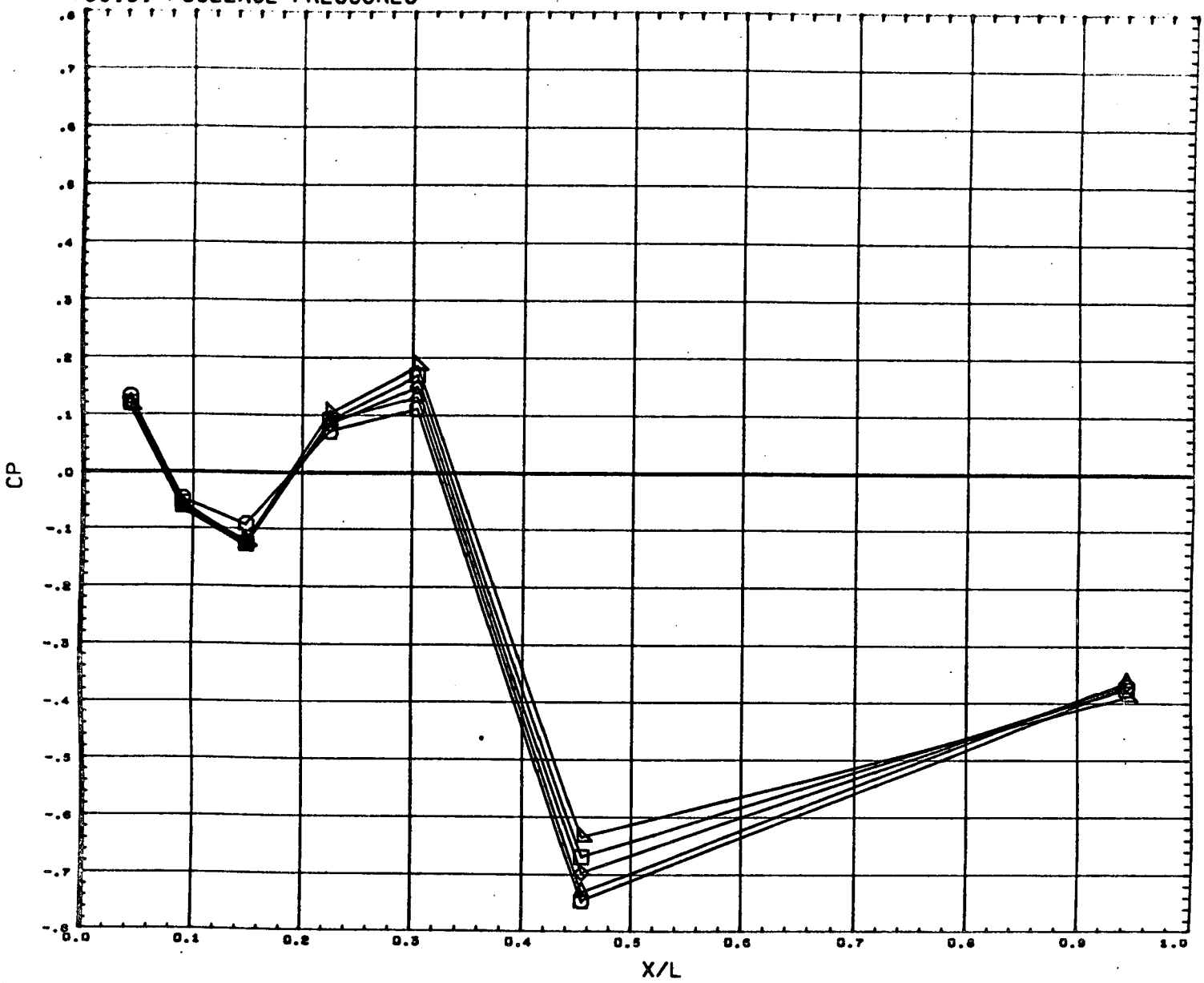
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.801
△	4.000		
◇	6.000		
□	8.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



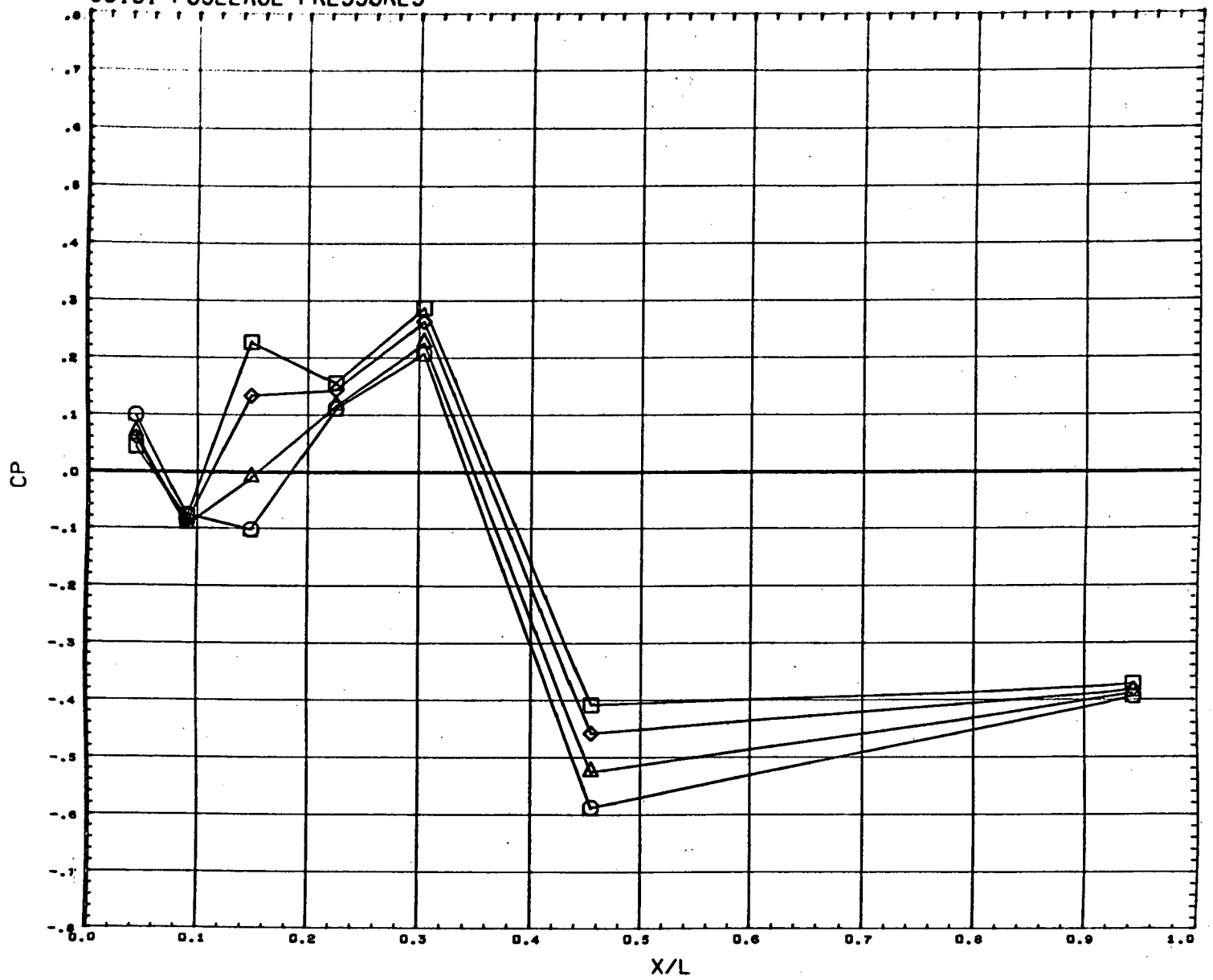
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.102
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



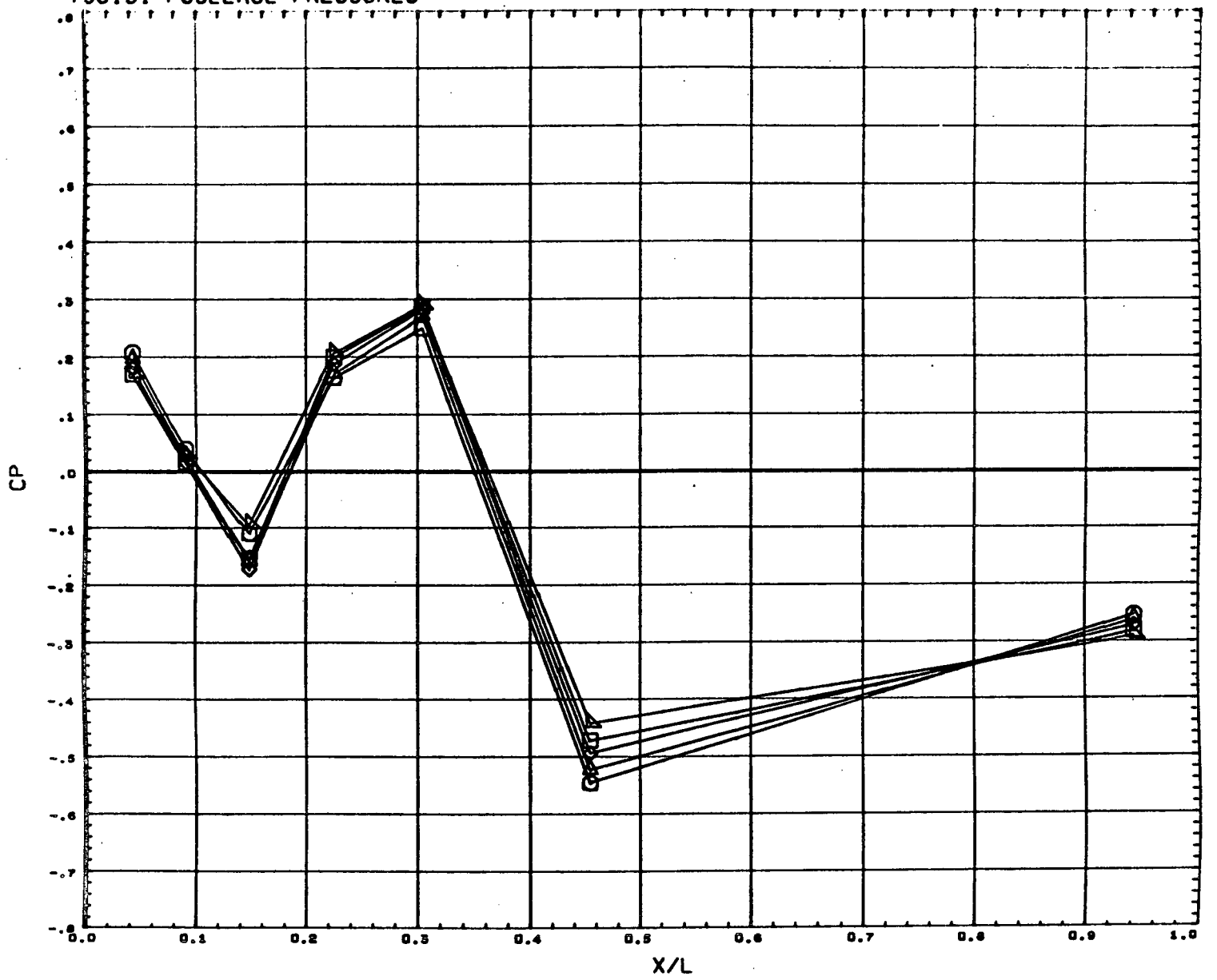
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.102
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



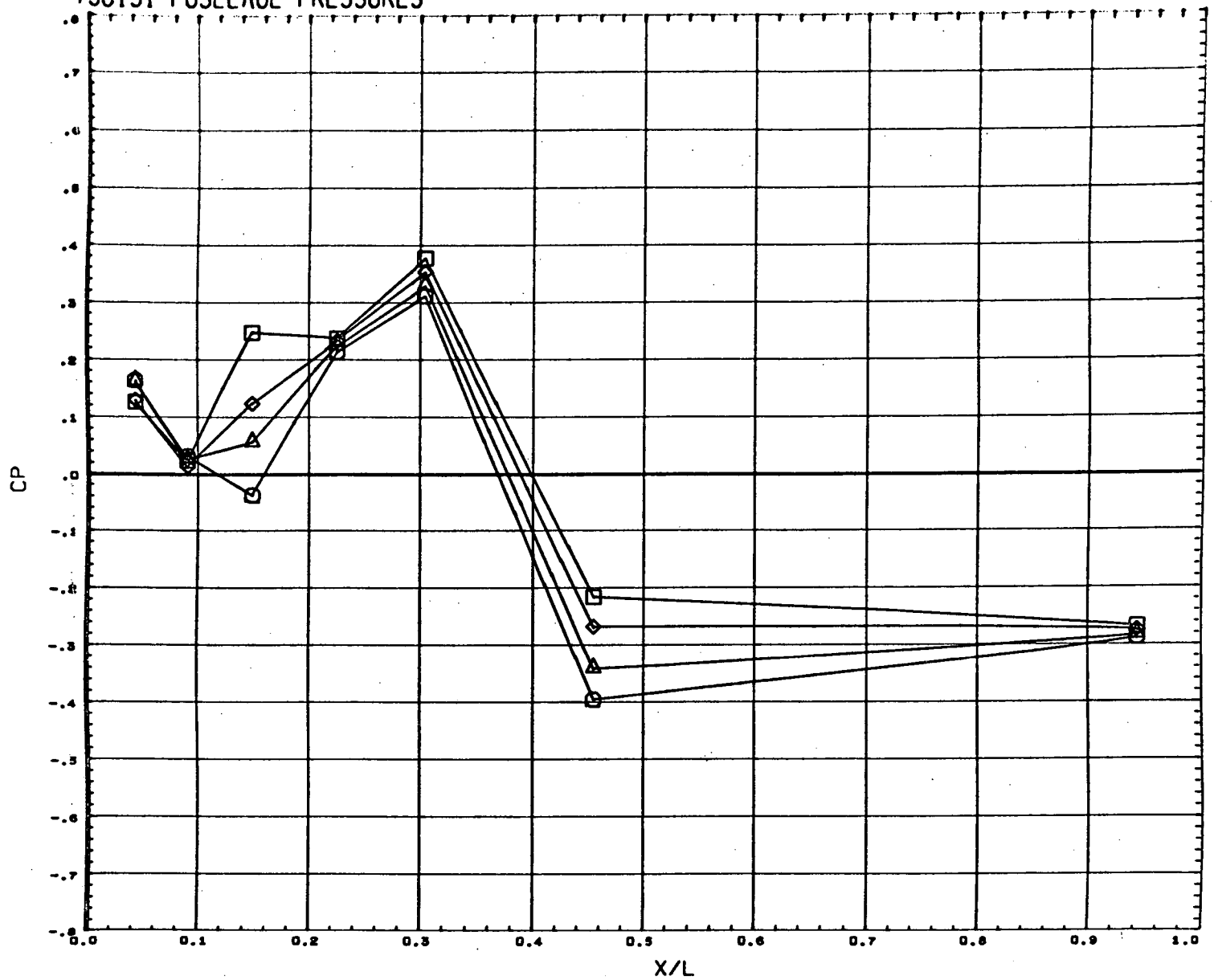
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.195
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



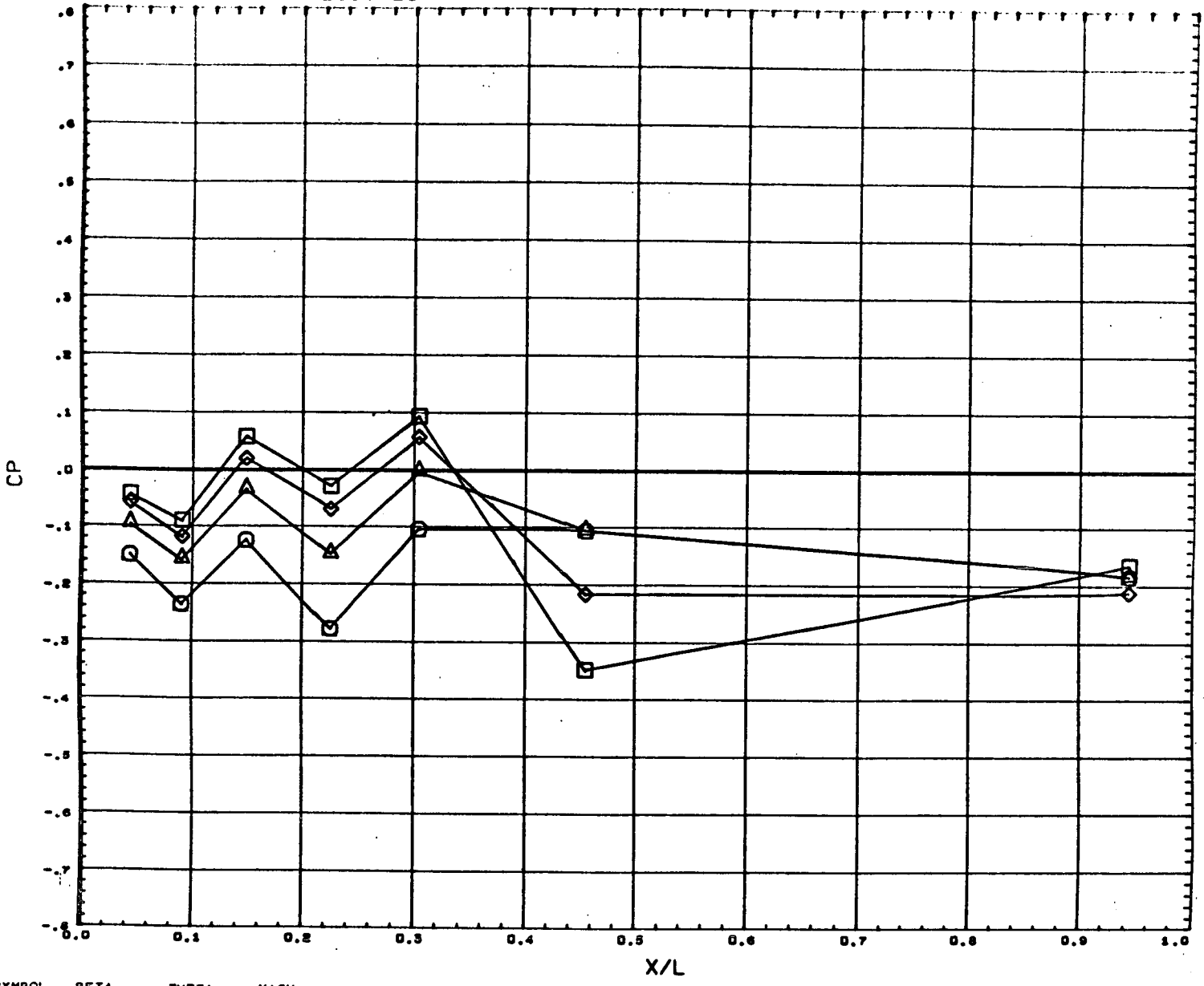
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES



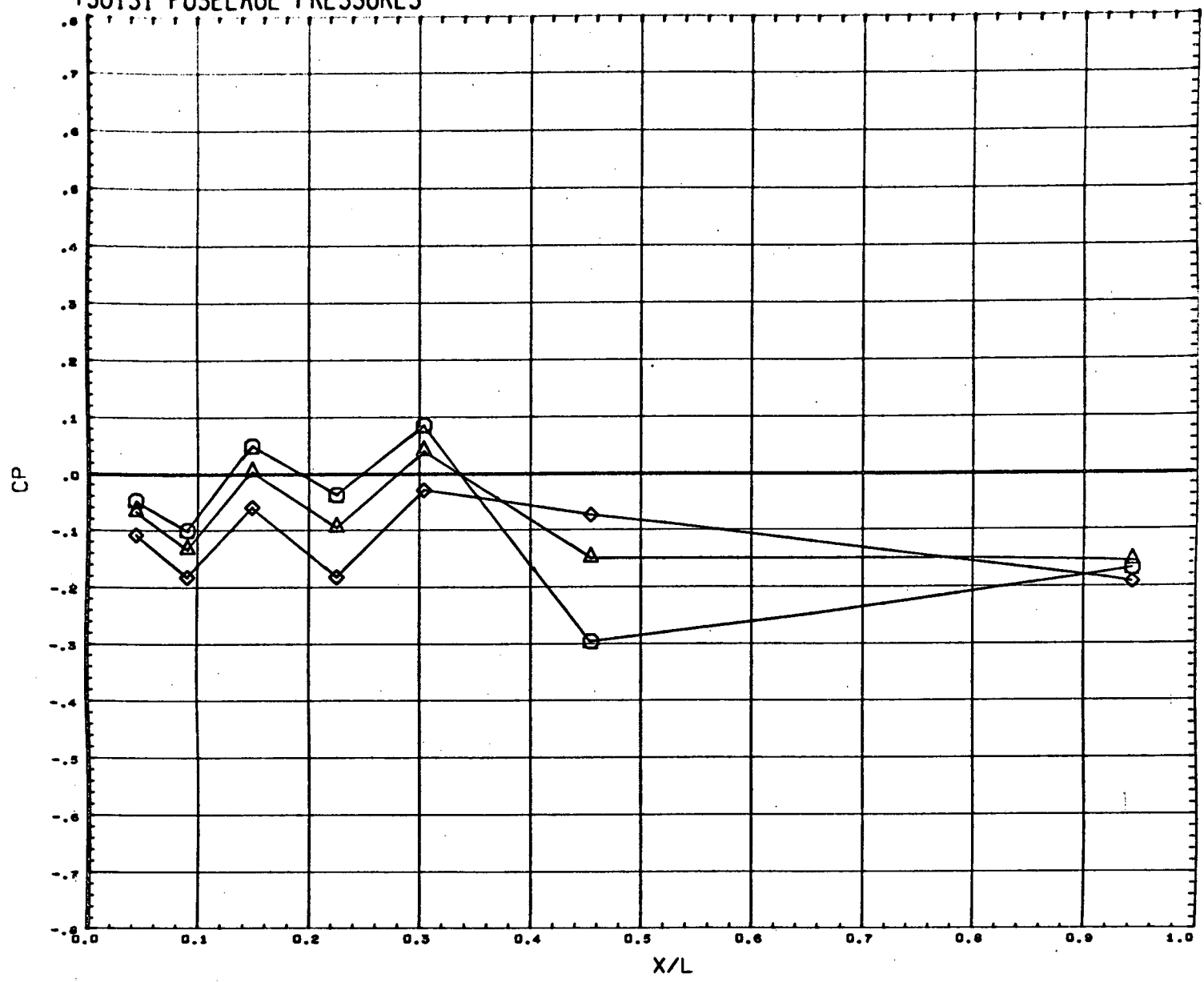
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	0.598
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.598
△	4.000		
◇	6.000		

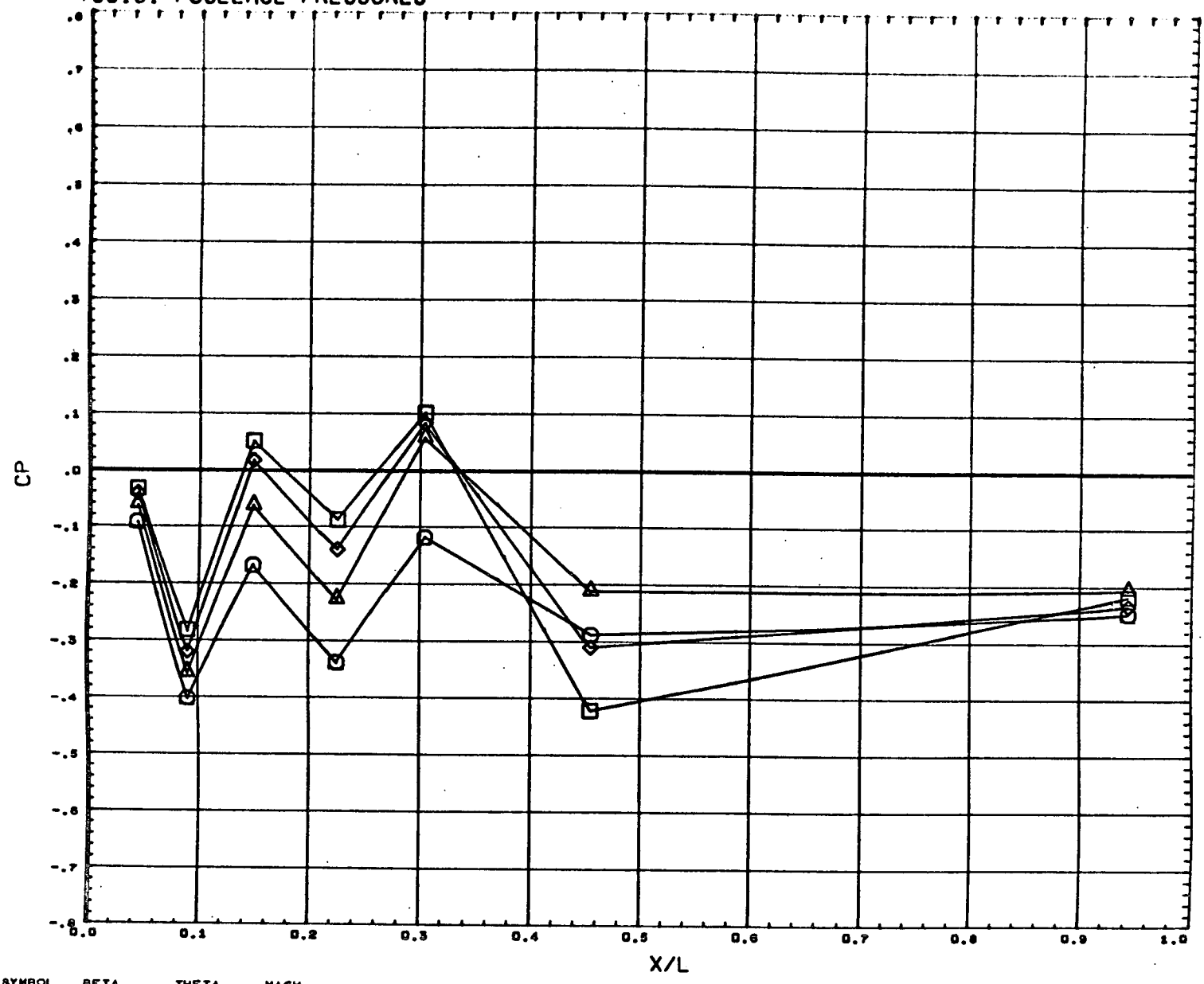
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73028)

T301S1 FUSELAGE PRESSURES



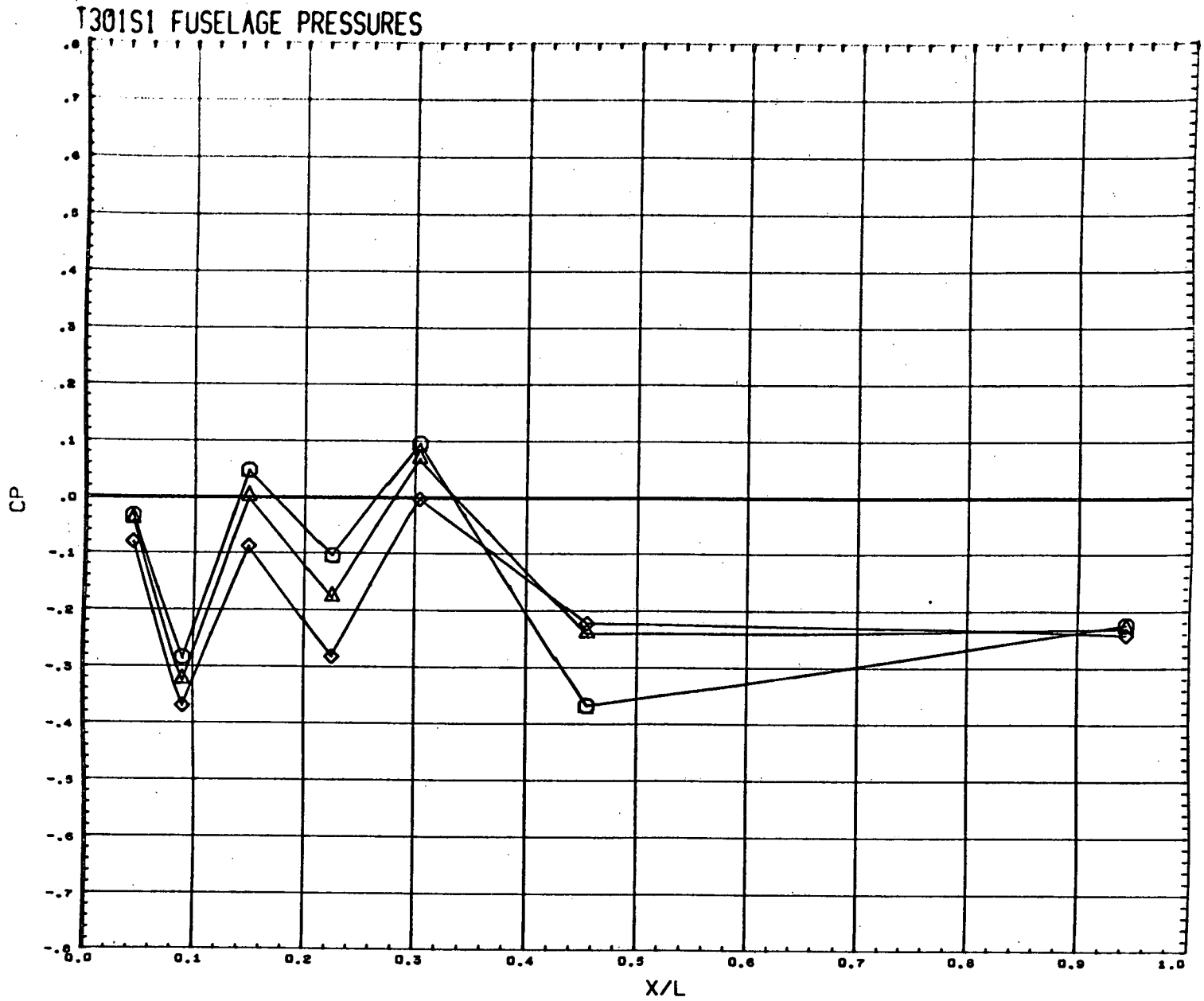
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	0.904
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

B



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	0.904
△	4.000		
◇	6.000		

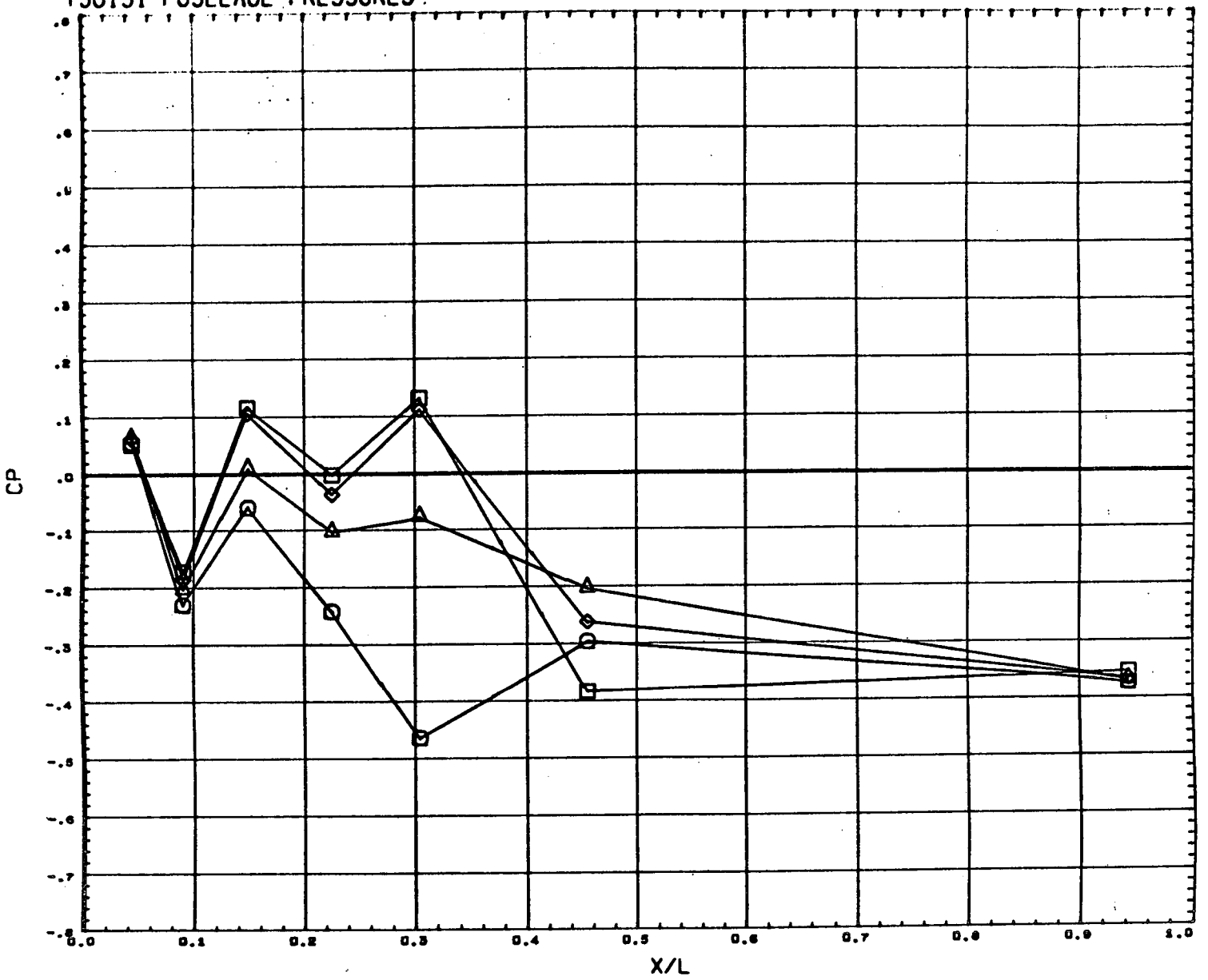
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73028)

T301S1 FUSELAGE PRESSURES



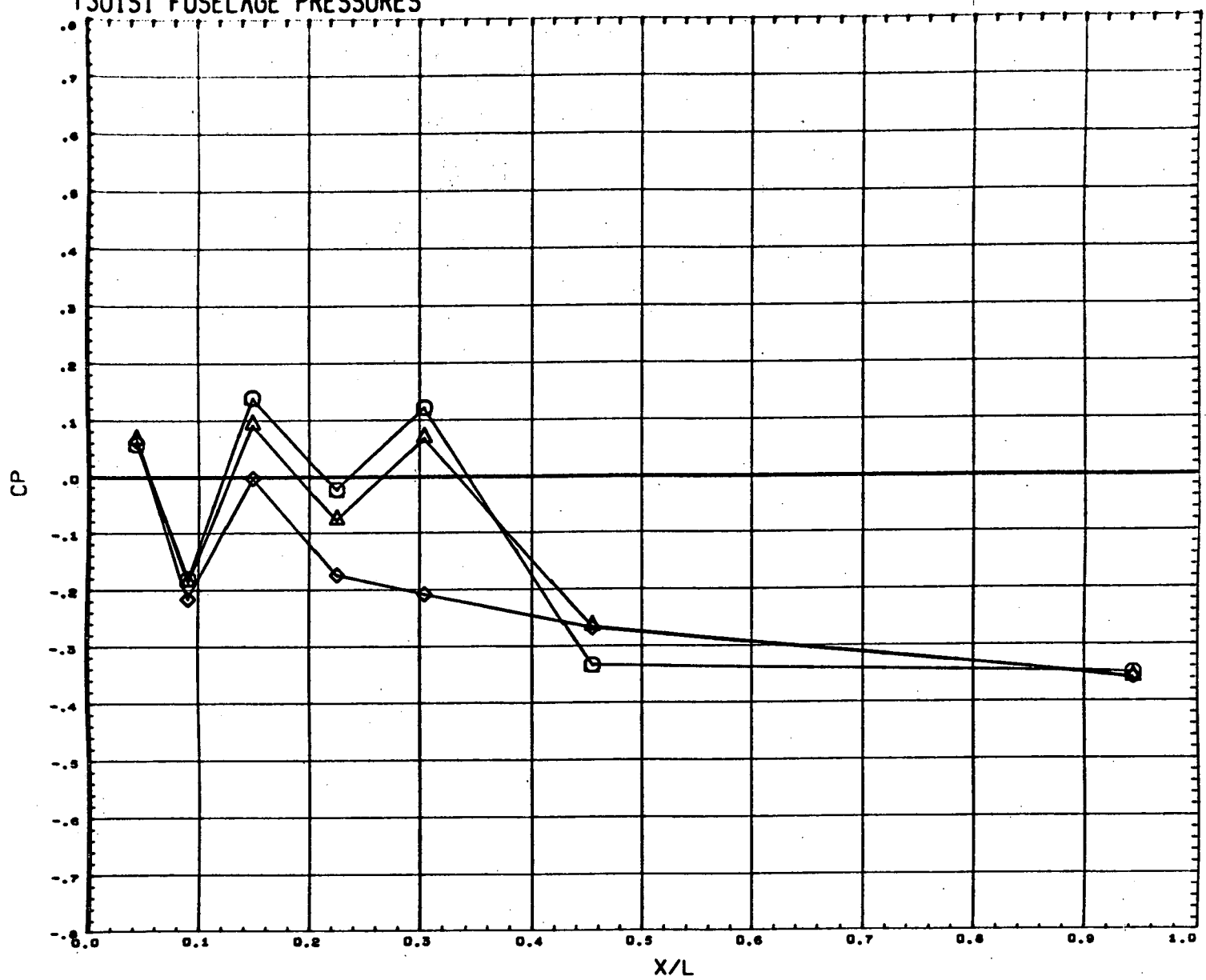
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.001
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



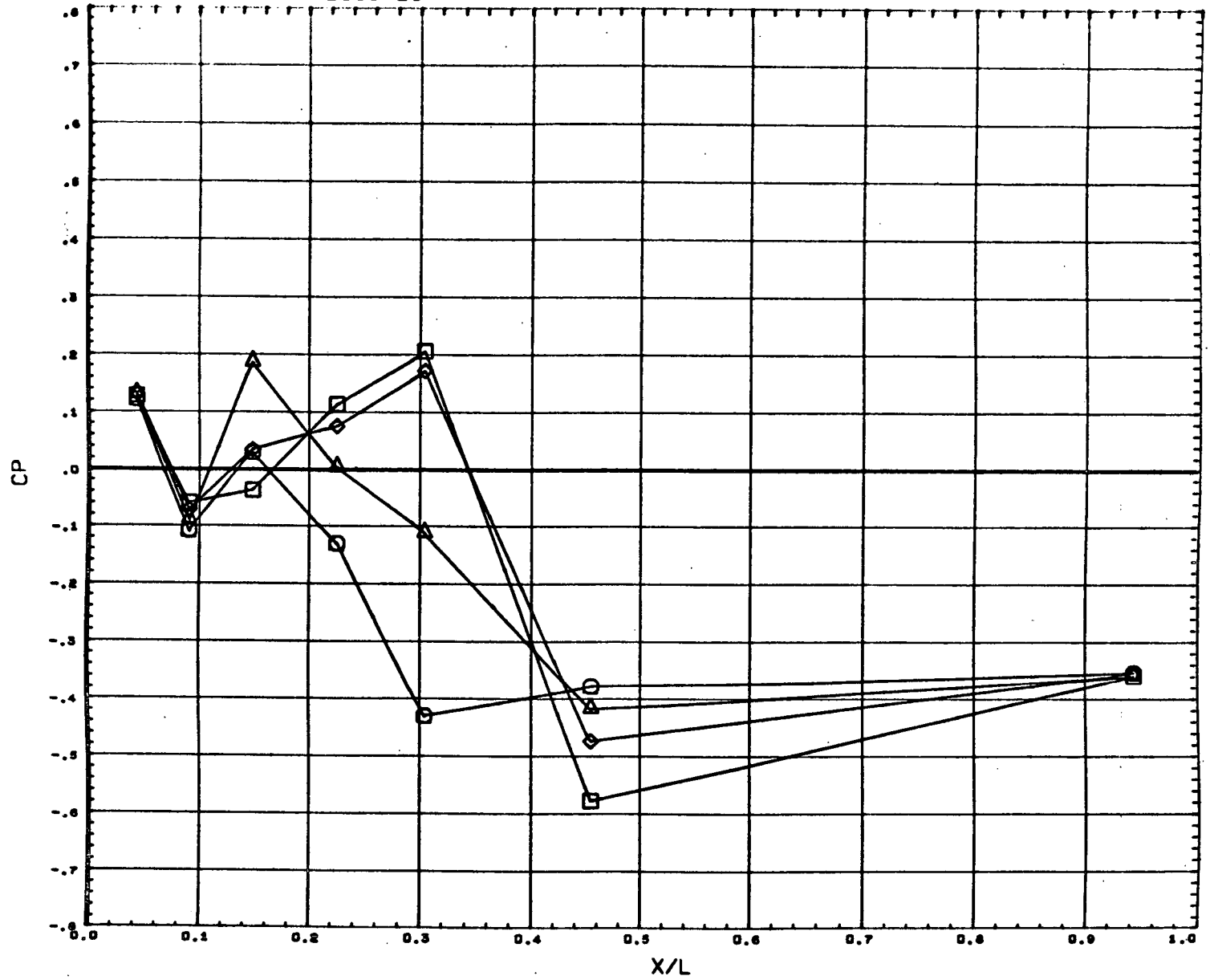
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.001
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T301S1 FUSELAGE PRESSURES

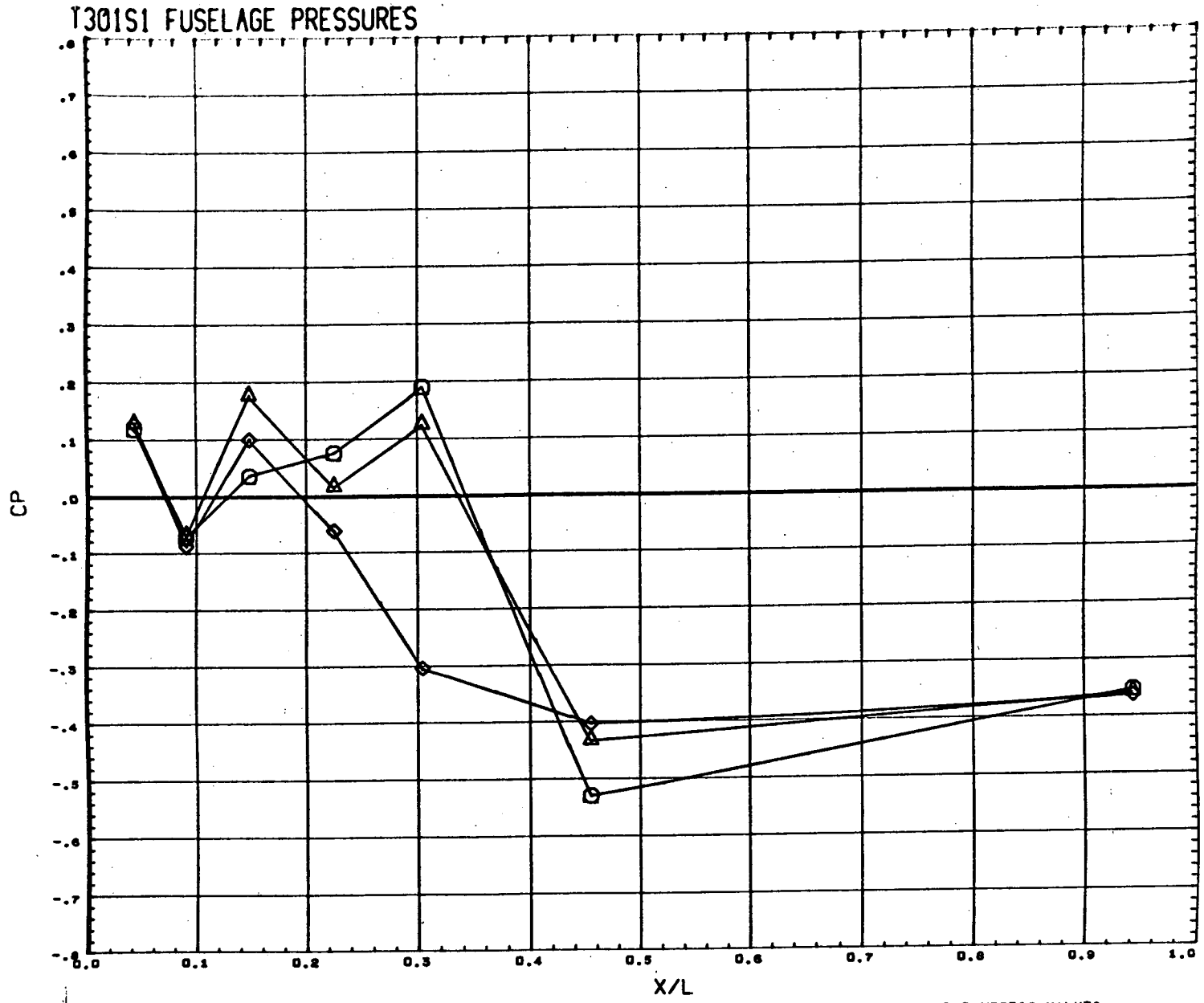


SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.101
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.101
△	4.000		
◇	6.000		

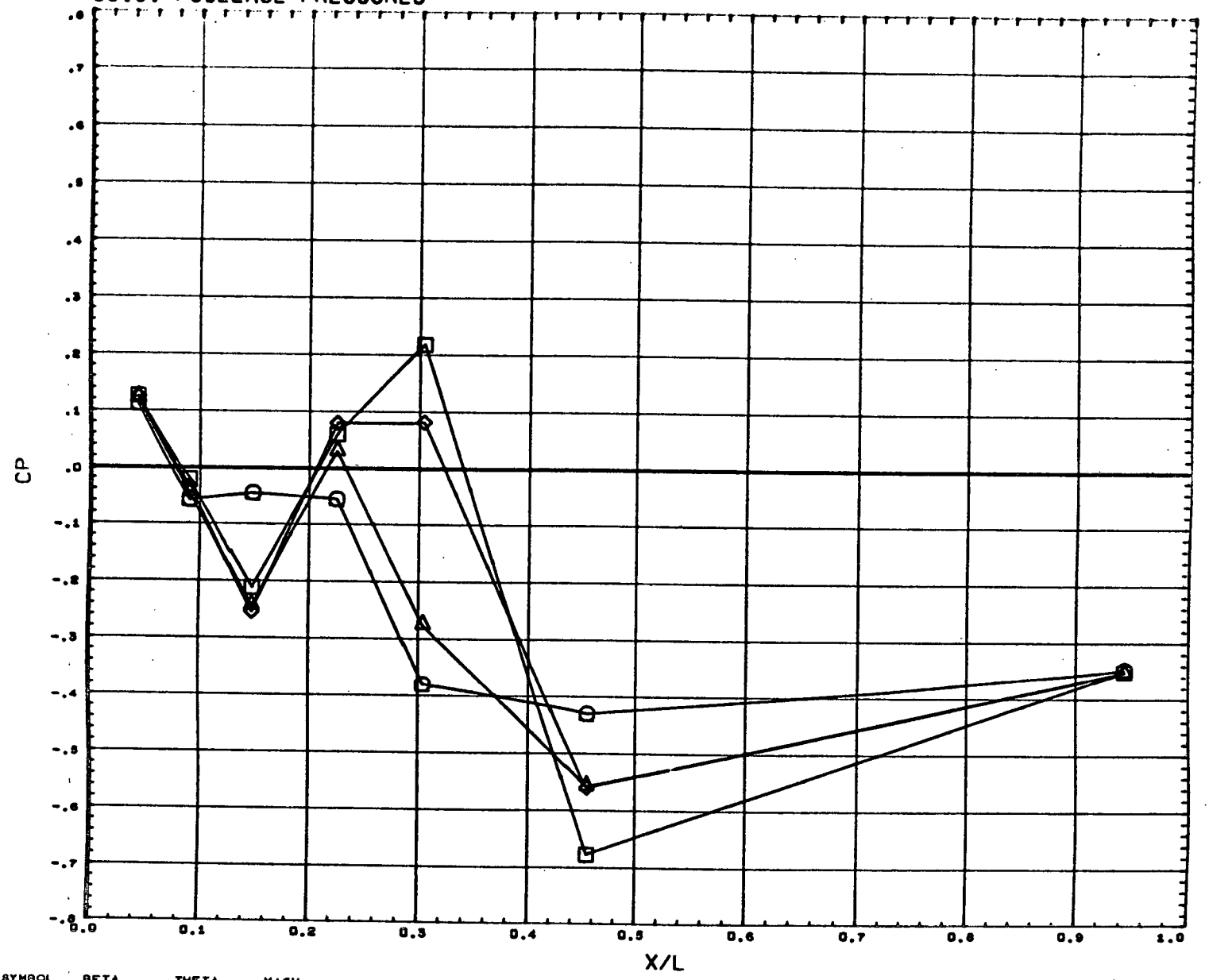
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T301S1 FUSELAGE (A73028)

T301S1 FUSELAGE PRESSURES



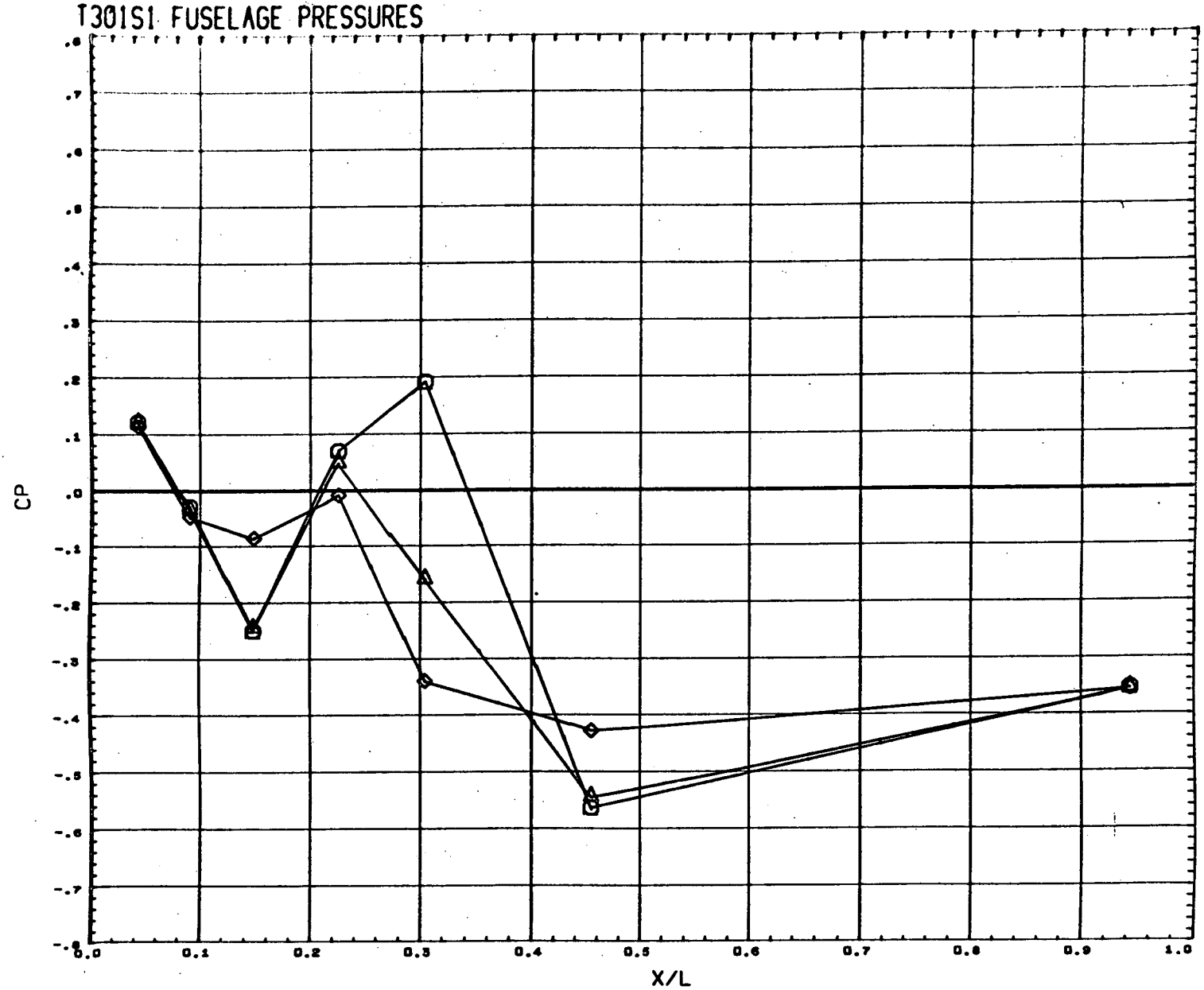
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.190
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

T301S1 FUSELAGE PRESSURES



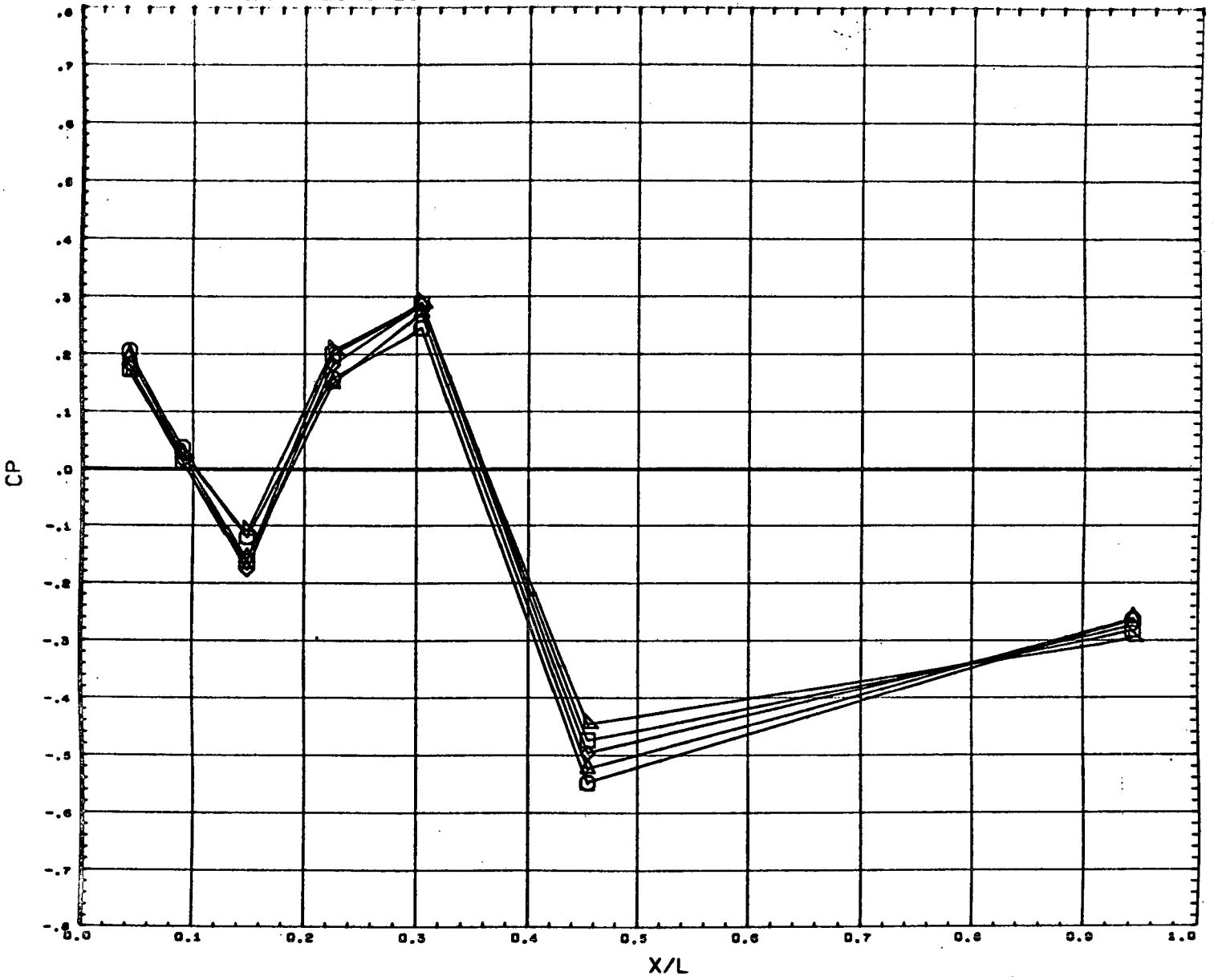
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.190
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



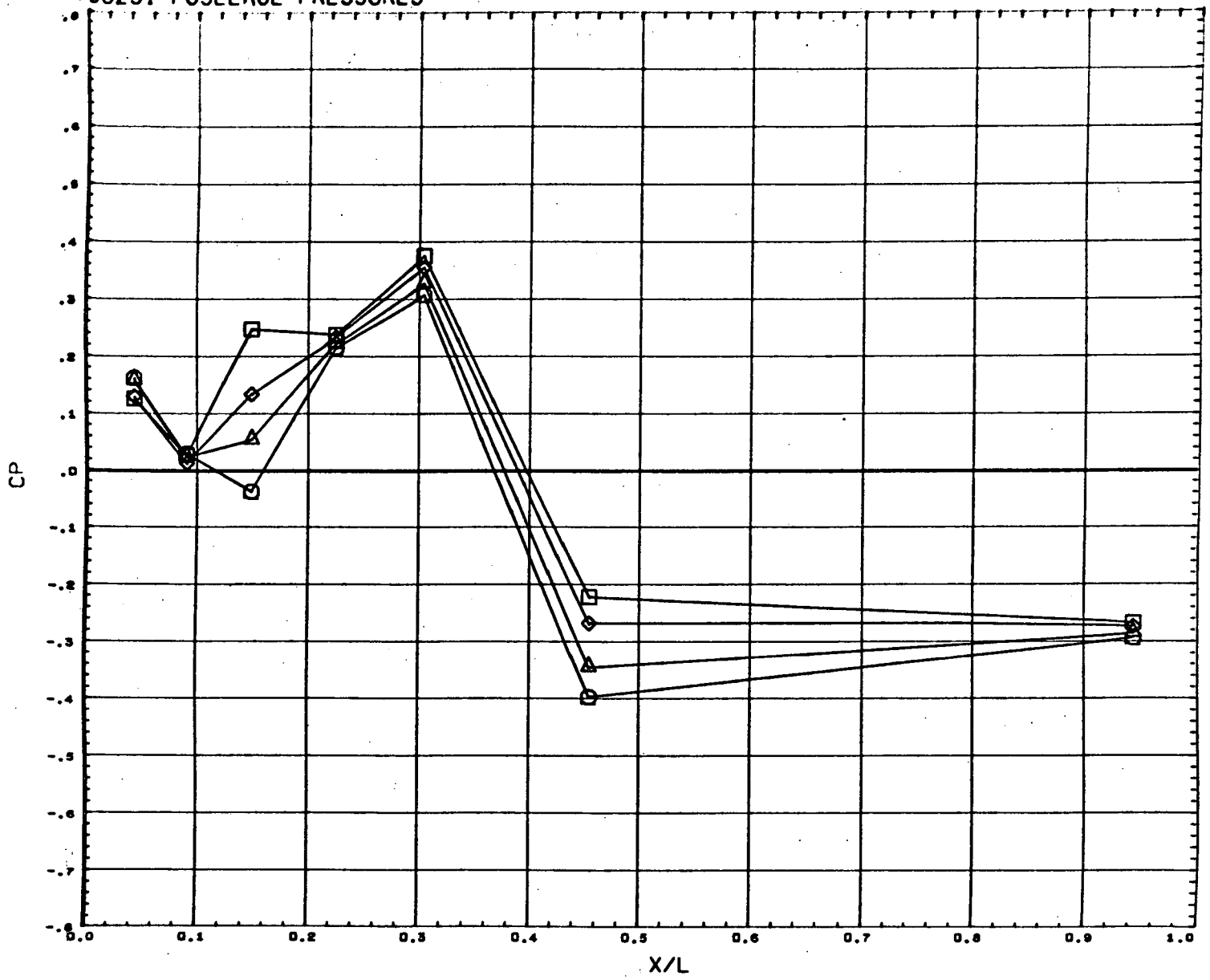
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.196
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T302S1 FUSELAGE PRESSURES



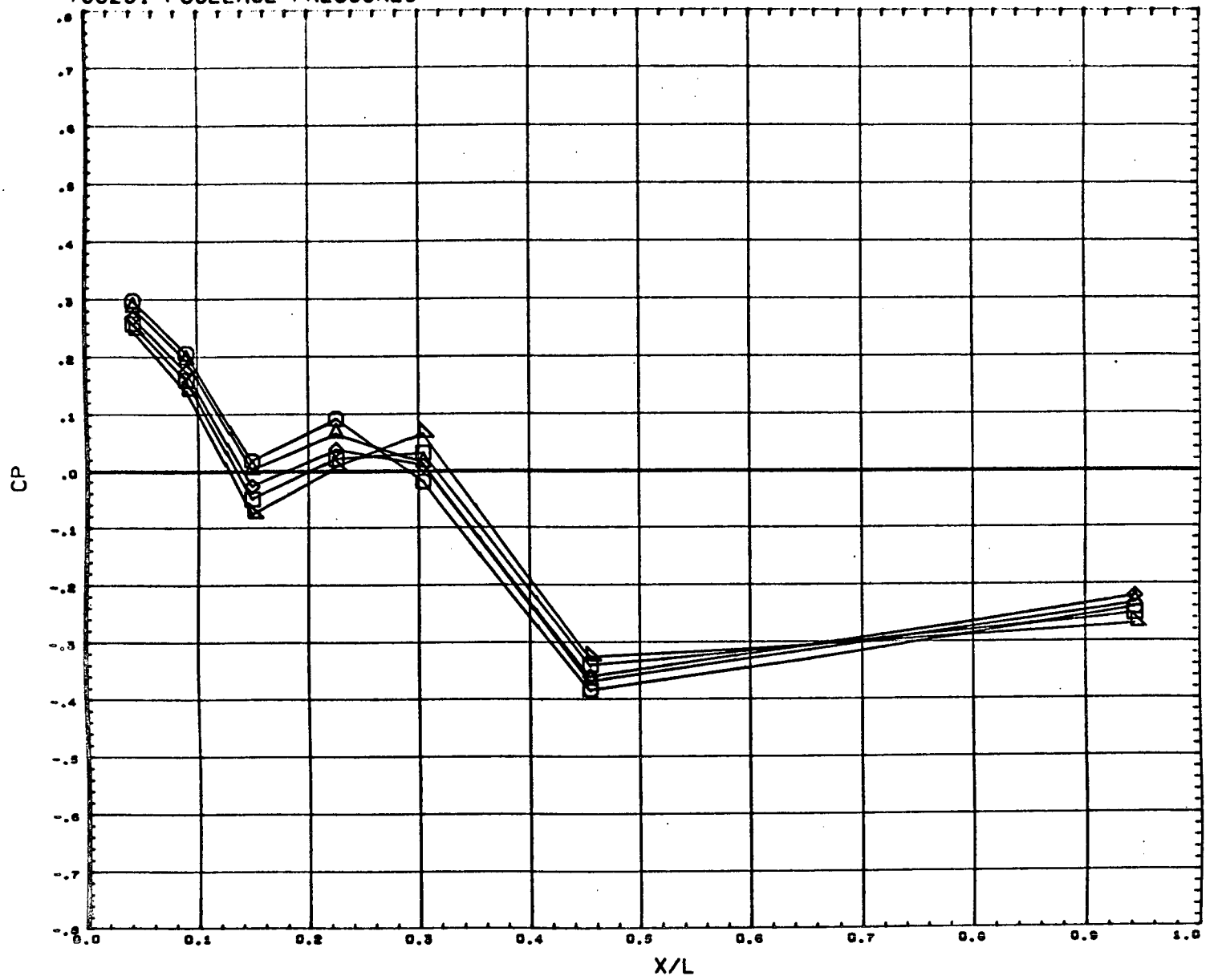
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.196
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES

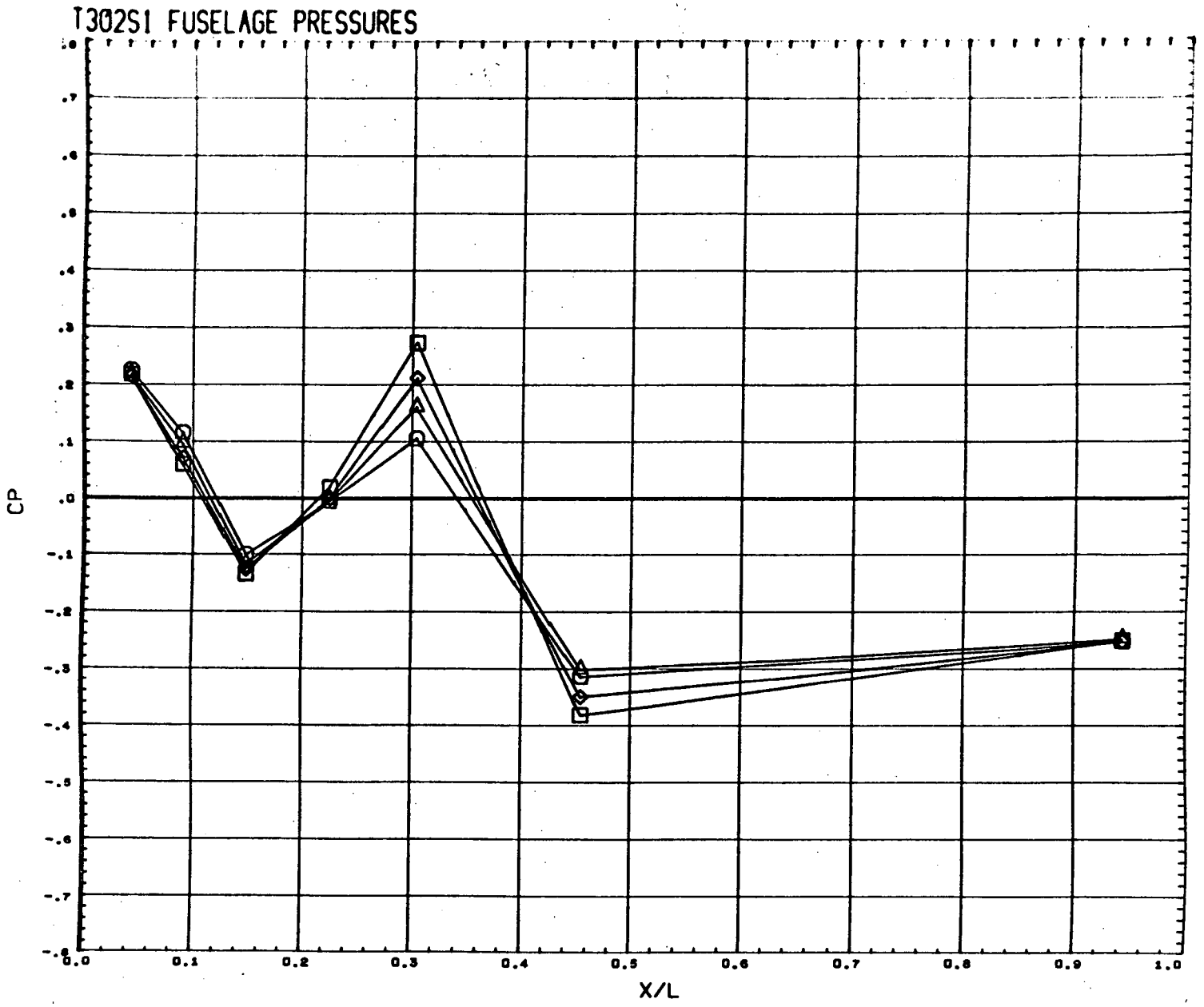


SYMBOL	ALPHA	THETA	MACH
○	- 8.000	0.000	1.465
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		



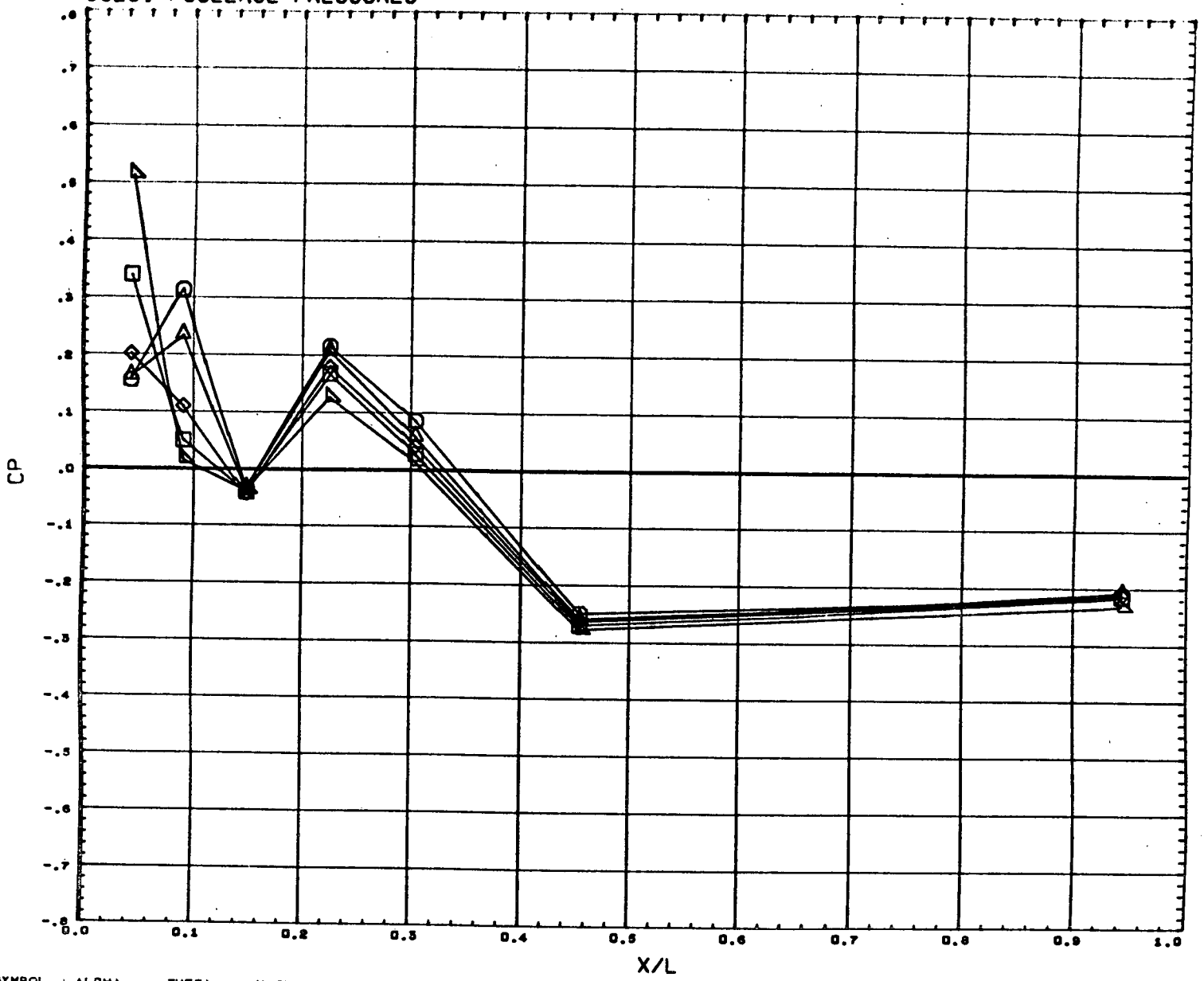
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.465
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



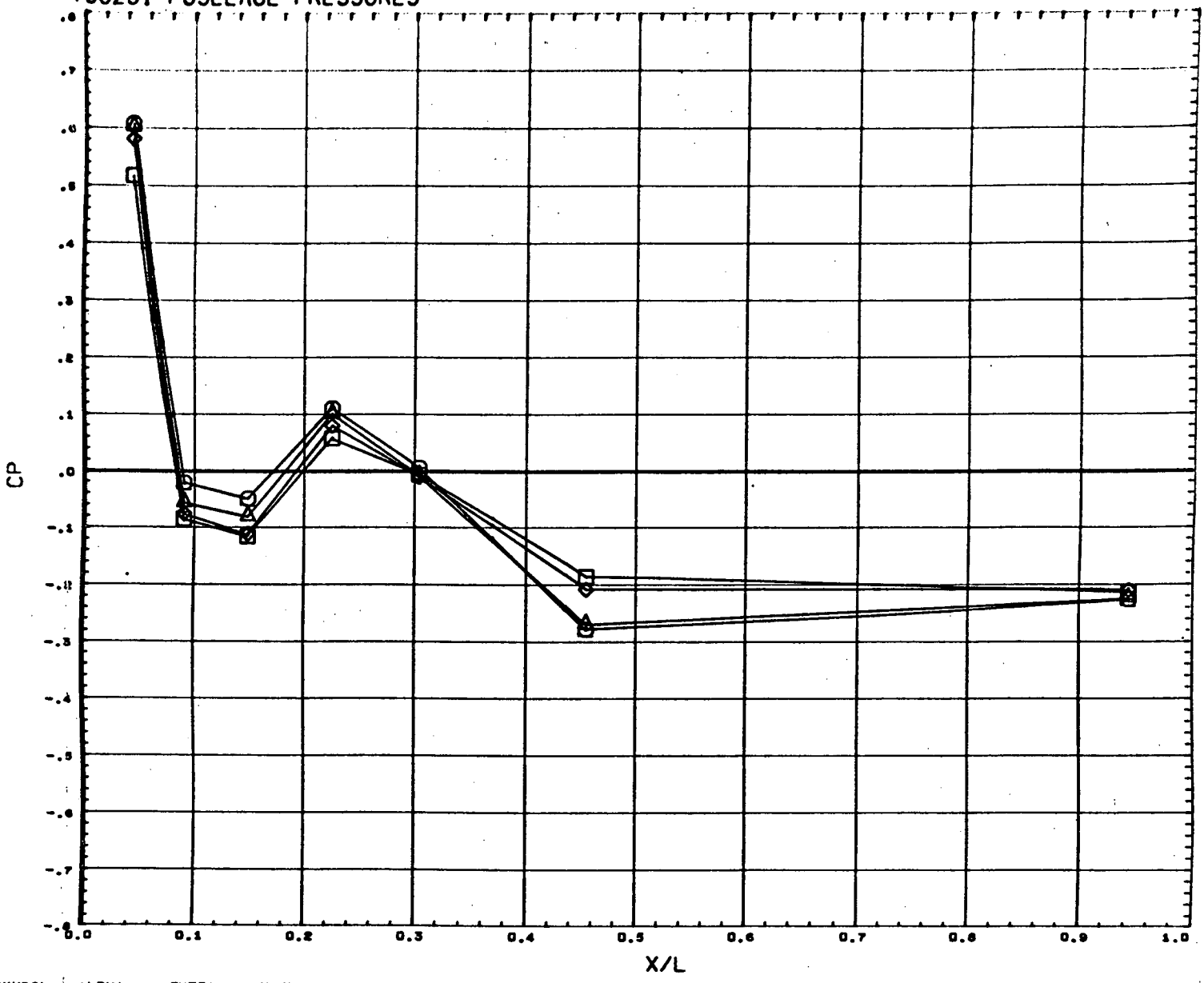
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.947
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

T302S1 FUSELAGE PRESSURES



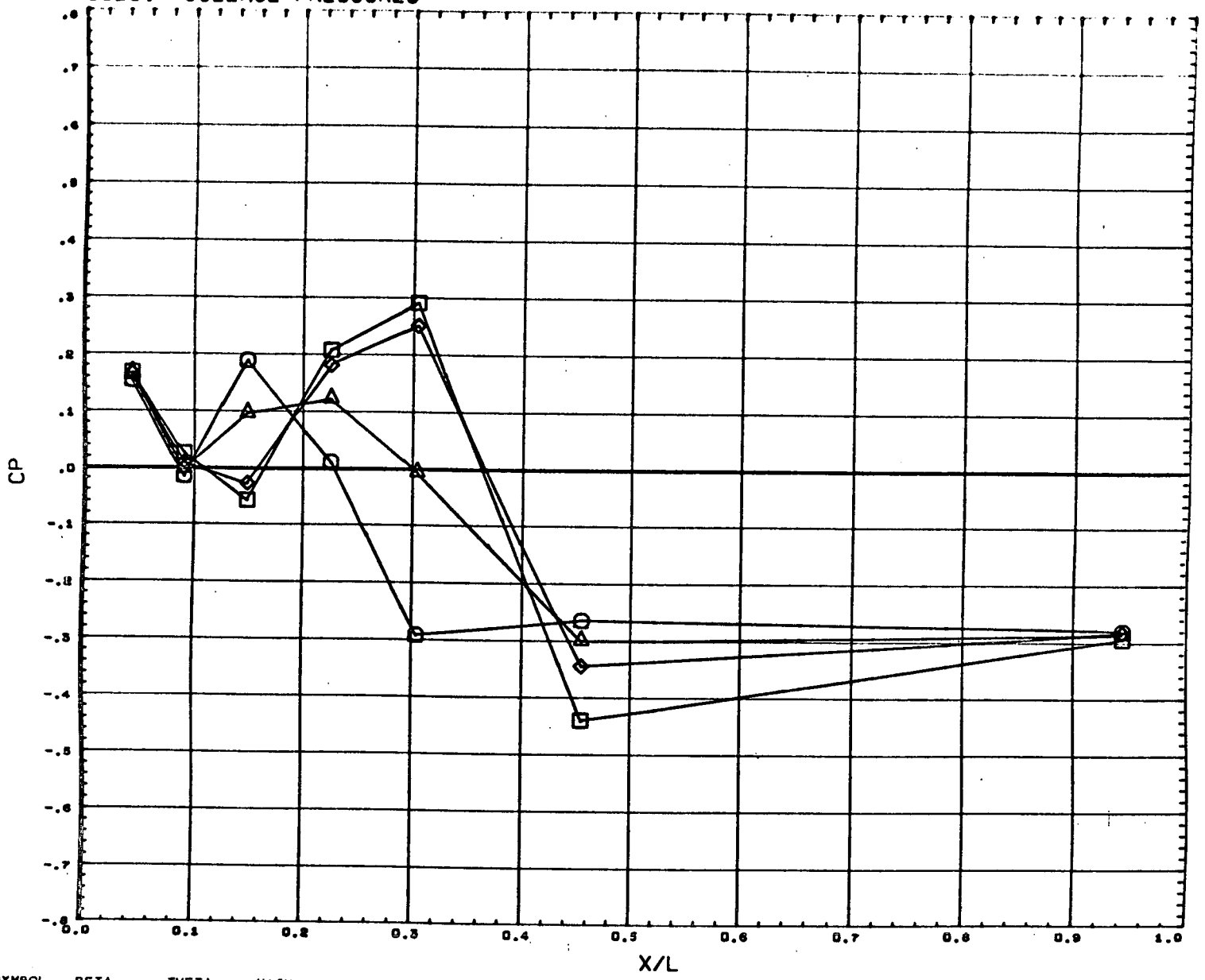
SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.947
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



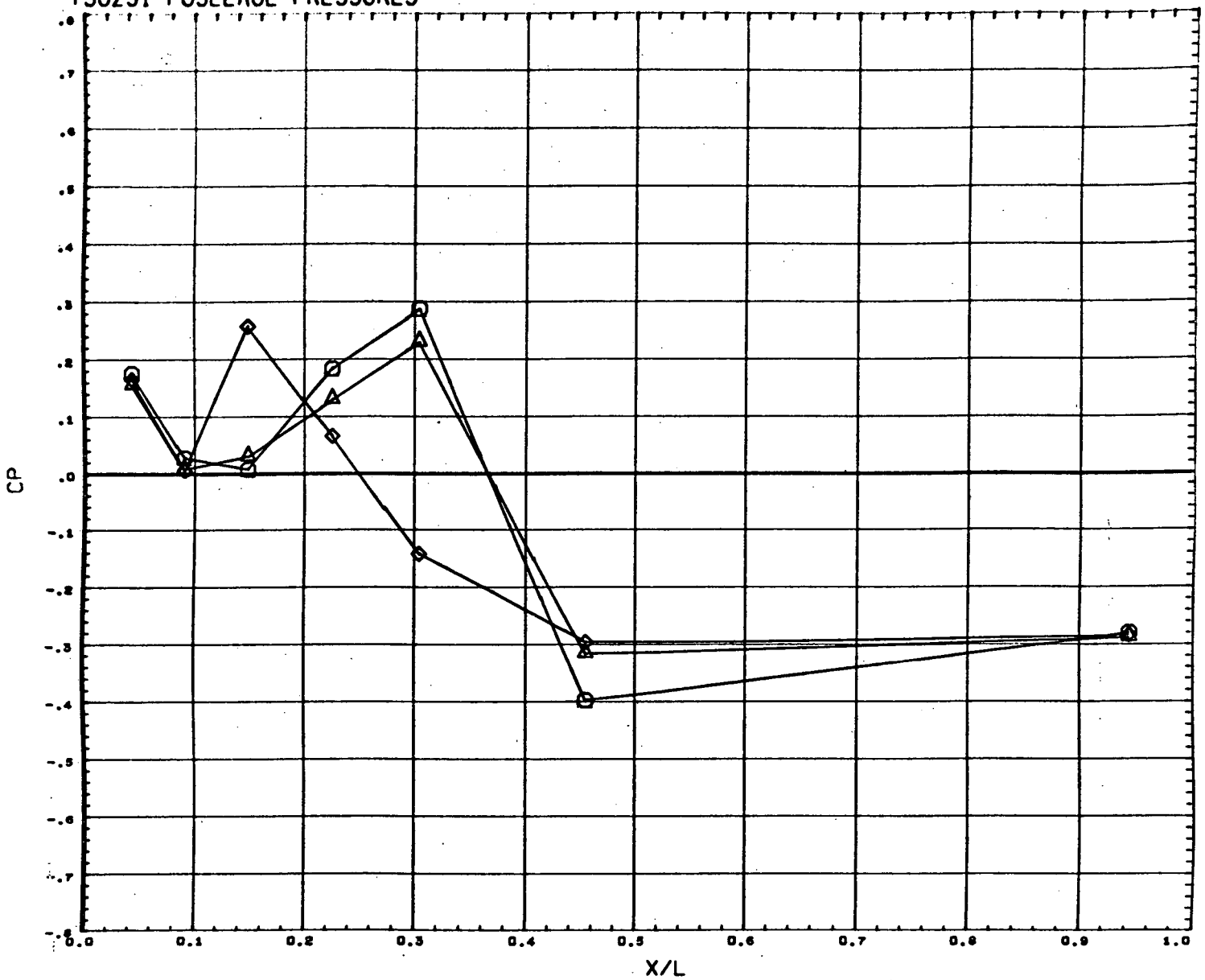
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

T302S1 FUSELAGE PRESSURES



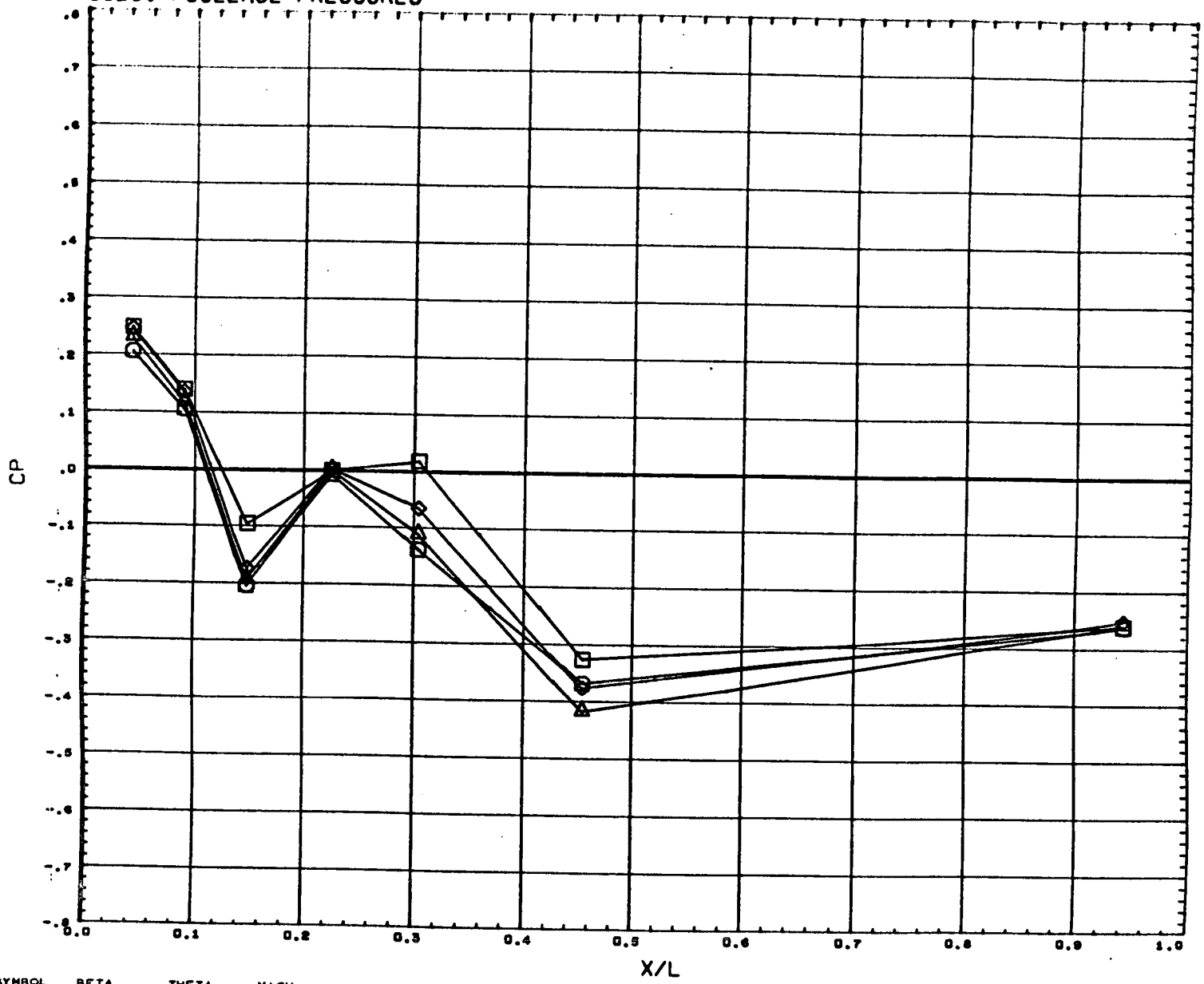
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



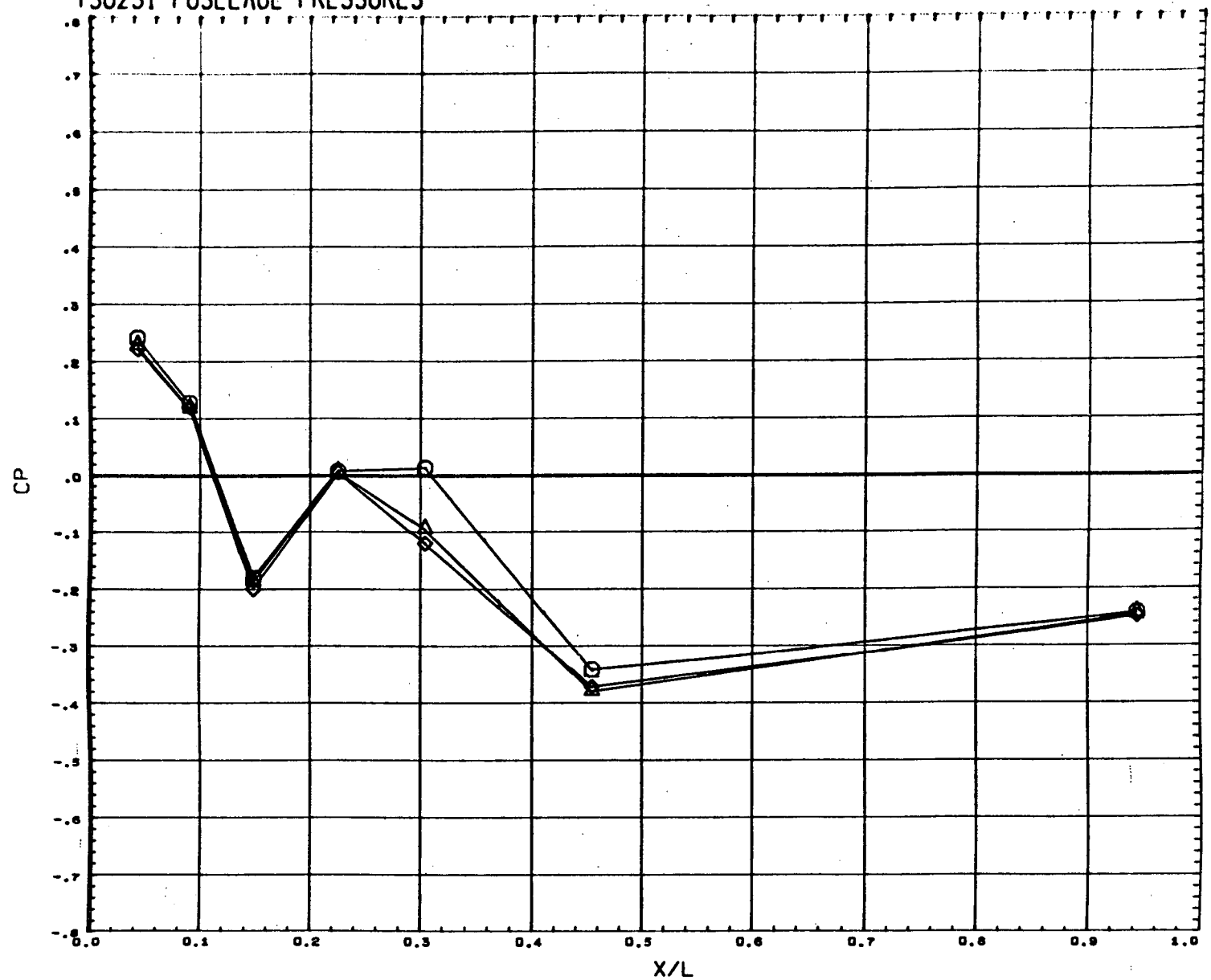
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.467
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

T302S1 FUSELAGE PRESSURES



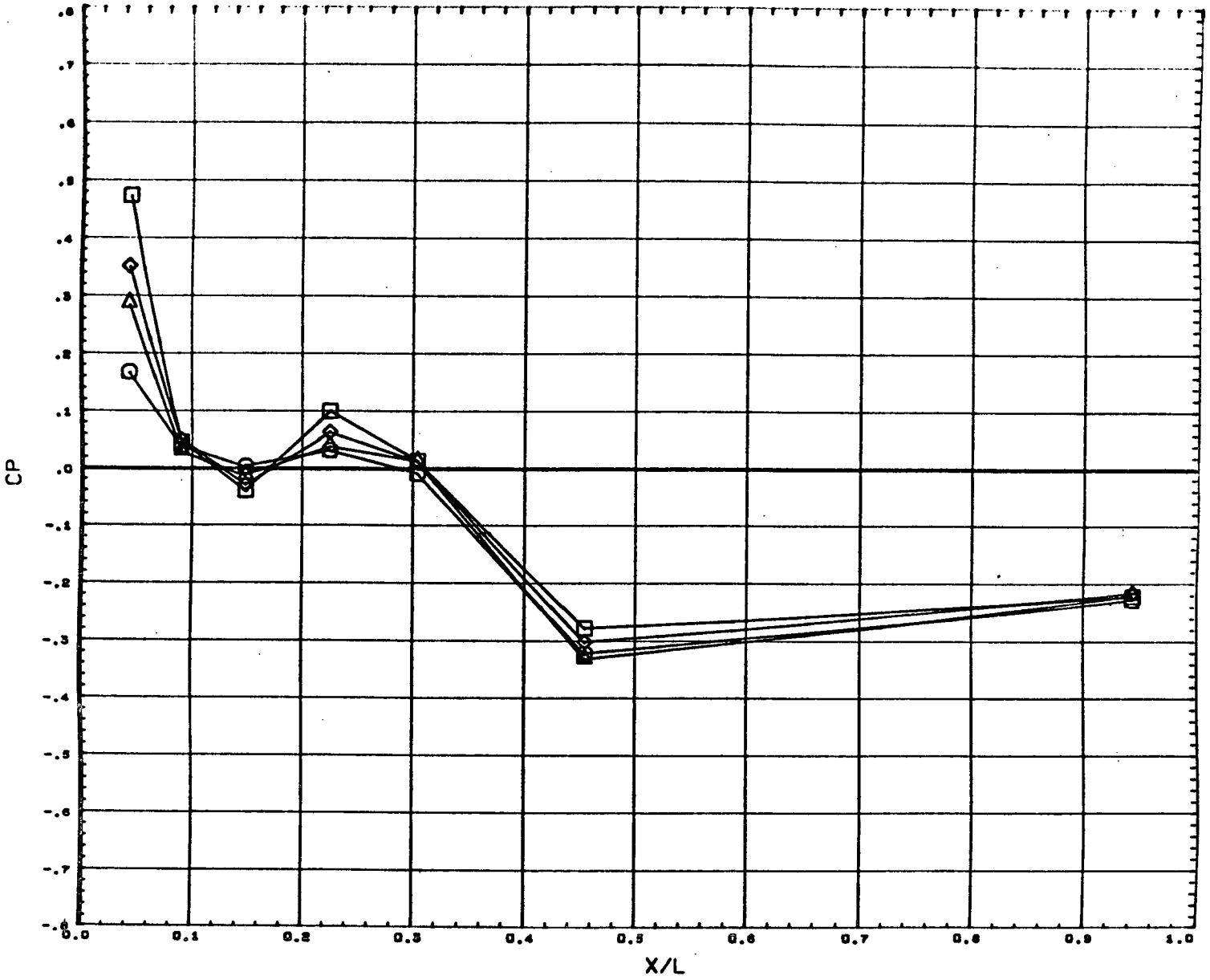
SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.467
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



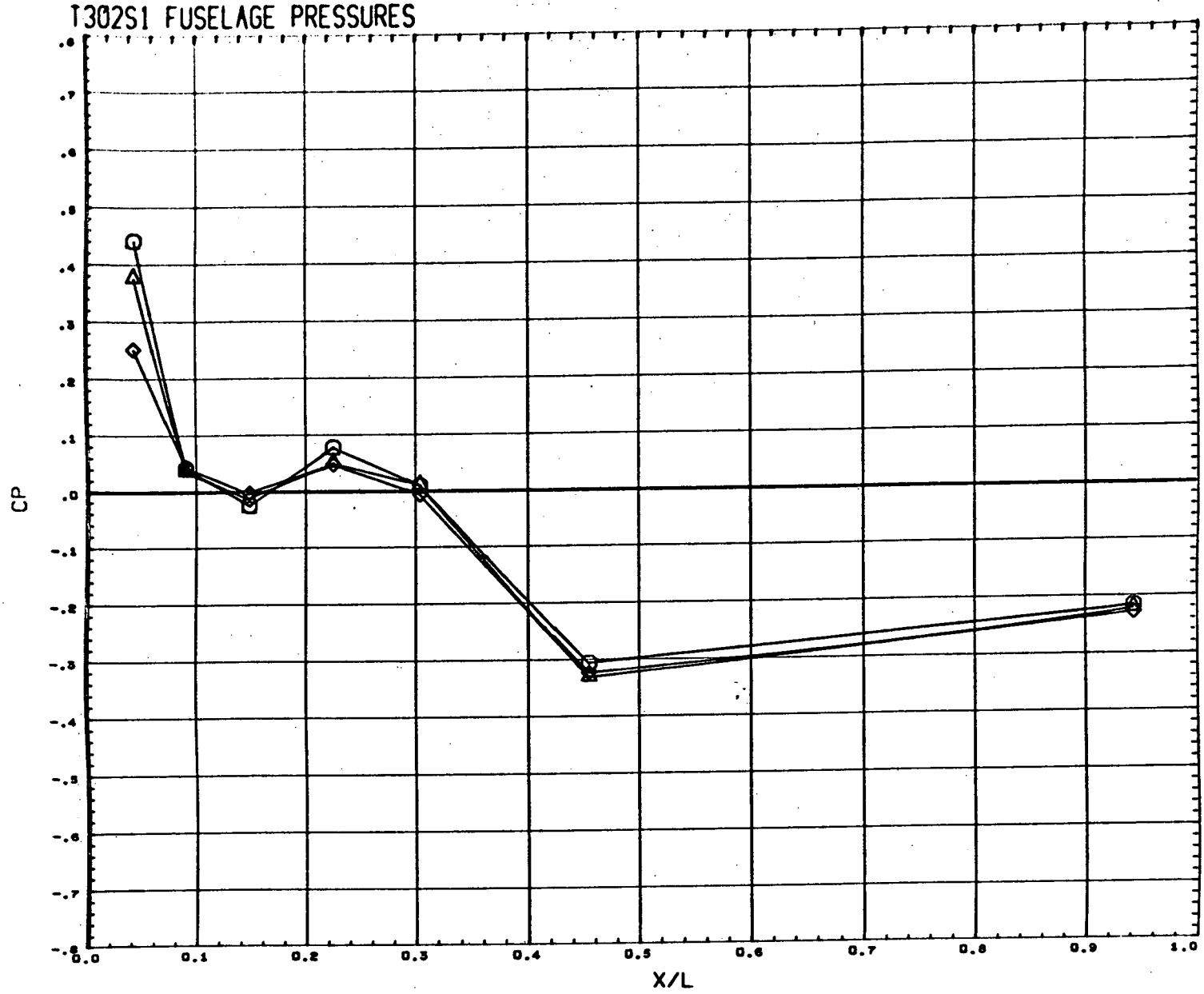
SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.957
△	4.000		
◇	6.000		

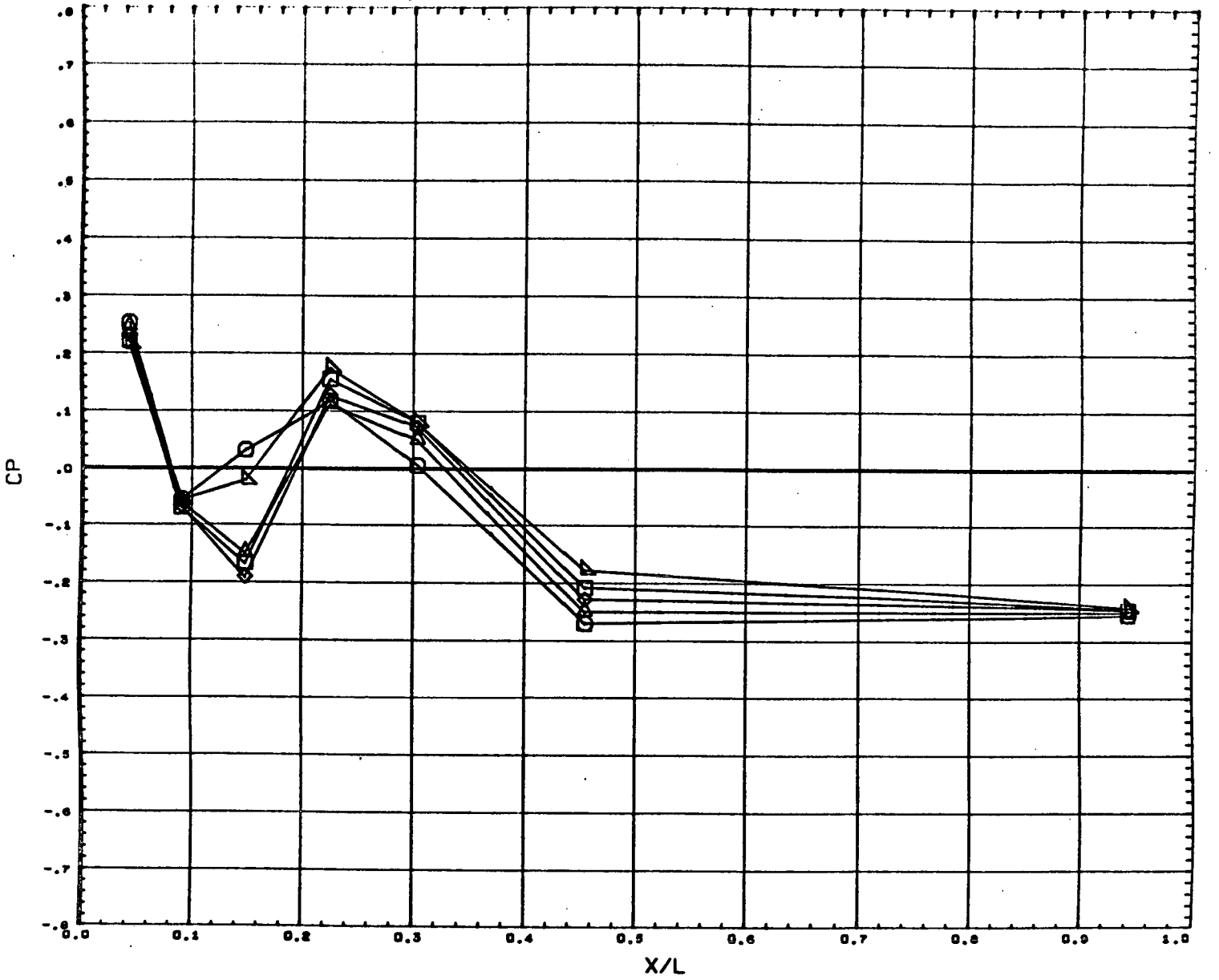
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73030)

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.193
△	6.000		
◇	4.000		
□	2.000		
	0.000		

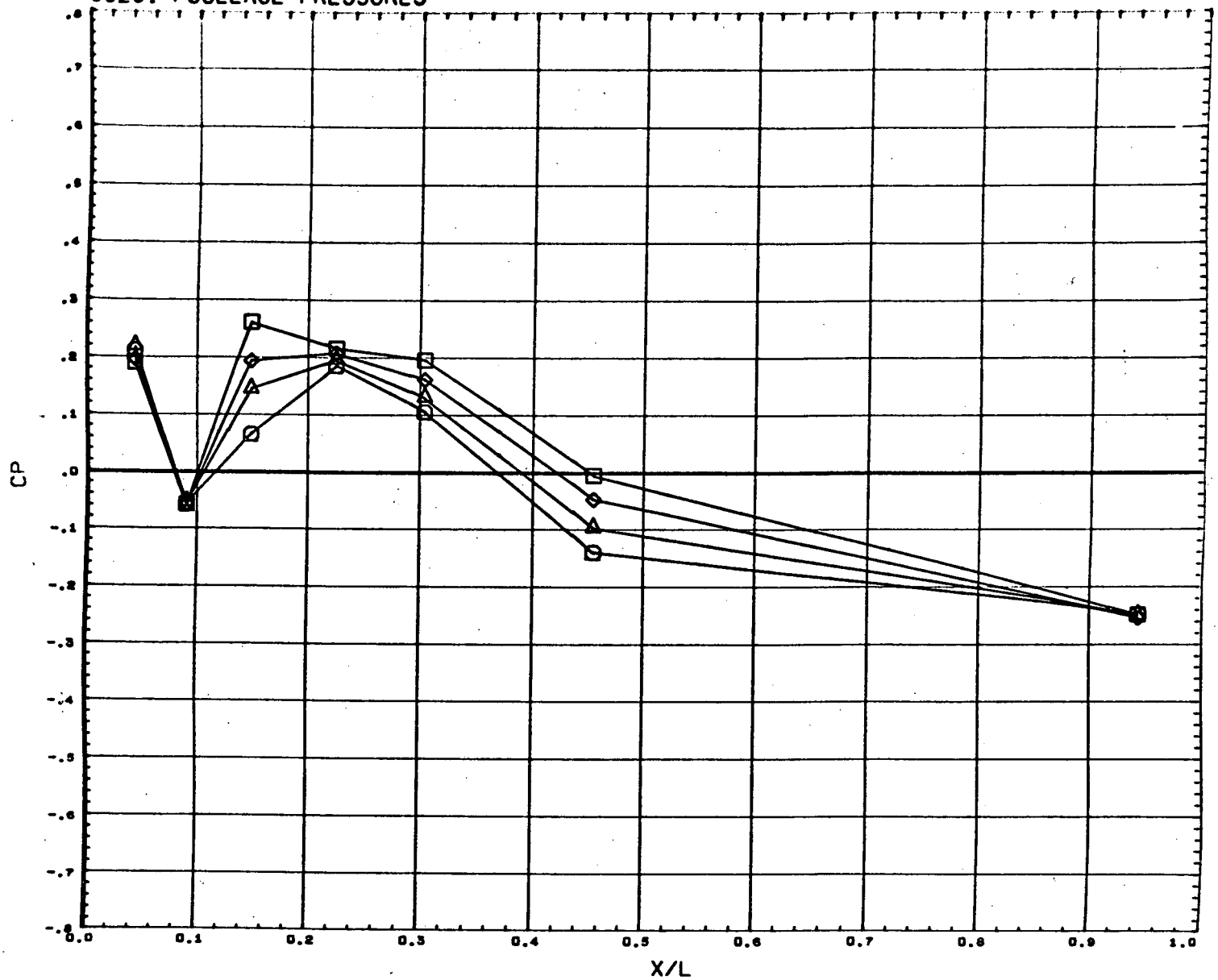
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC = 1.500

PHIS 135.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.193
△	4.000		
◇	6.000		
□	8.000		

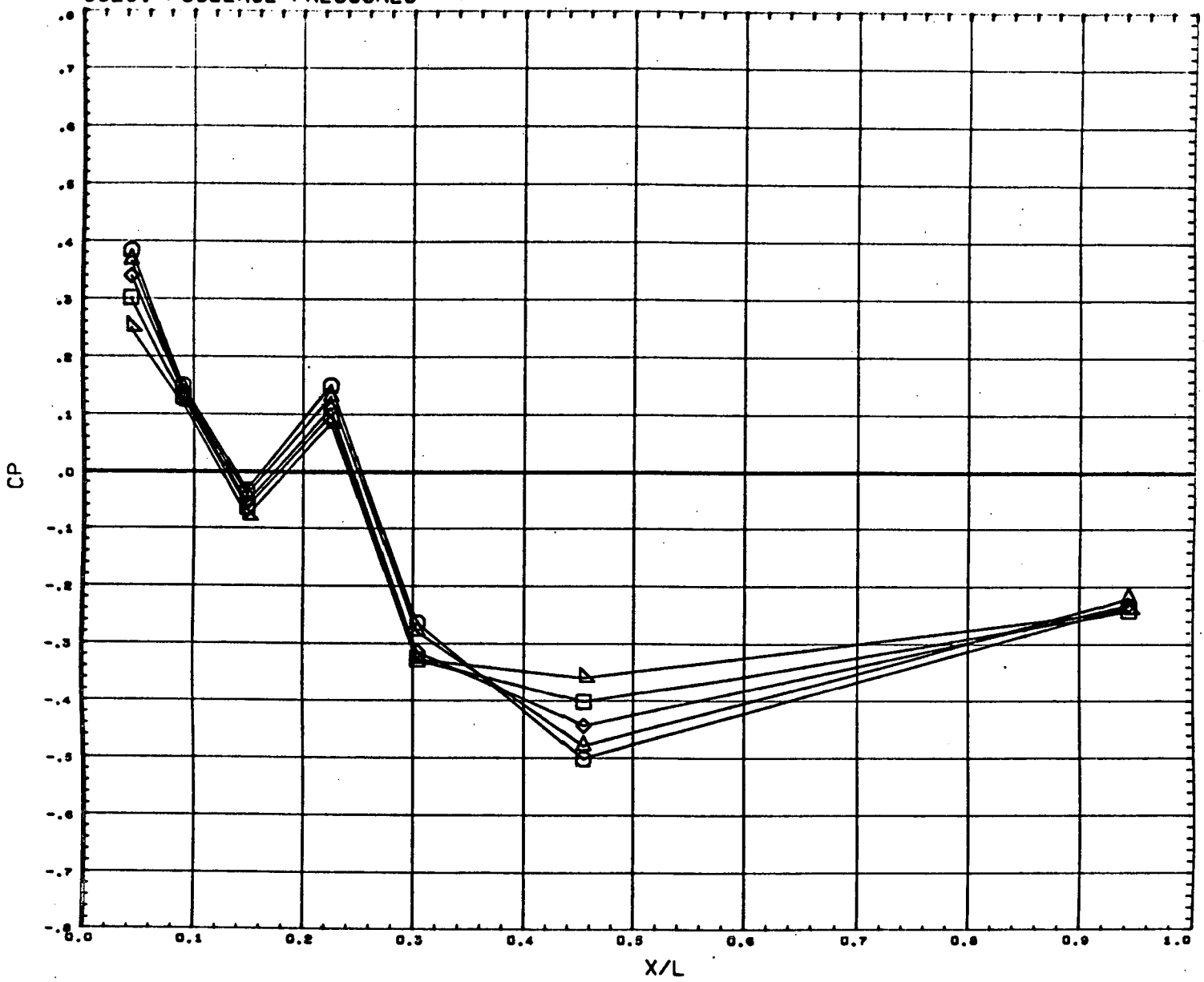
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.456
△	6.000		
◇	4.000		
□	2.000		
◁	0.000		

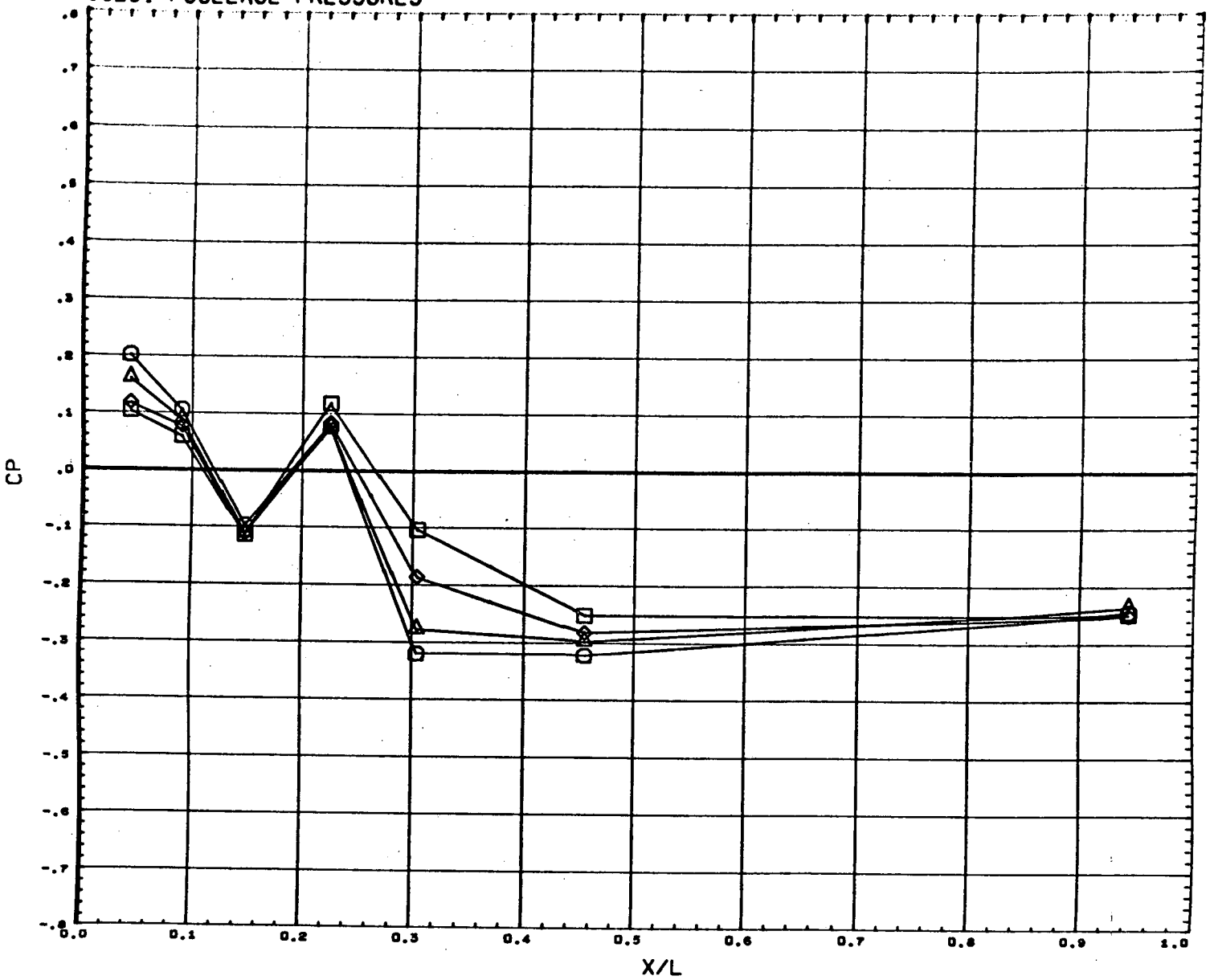
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.456
△	4.000		
◇	6.000		
□	8.000		

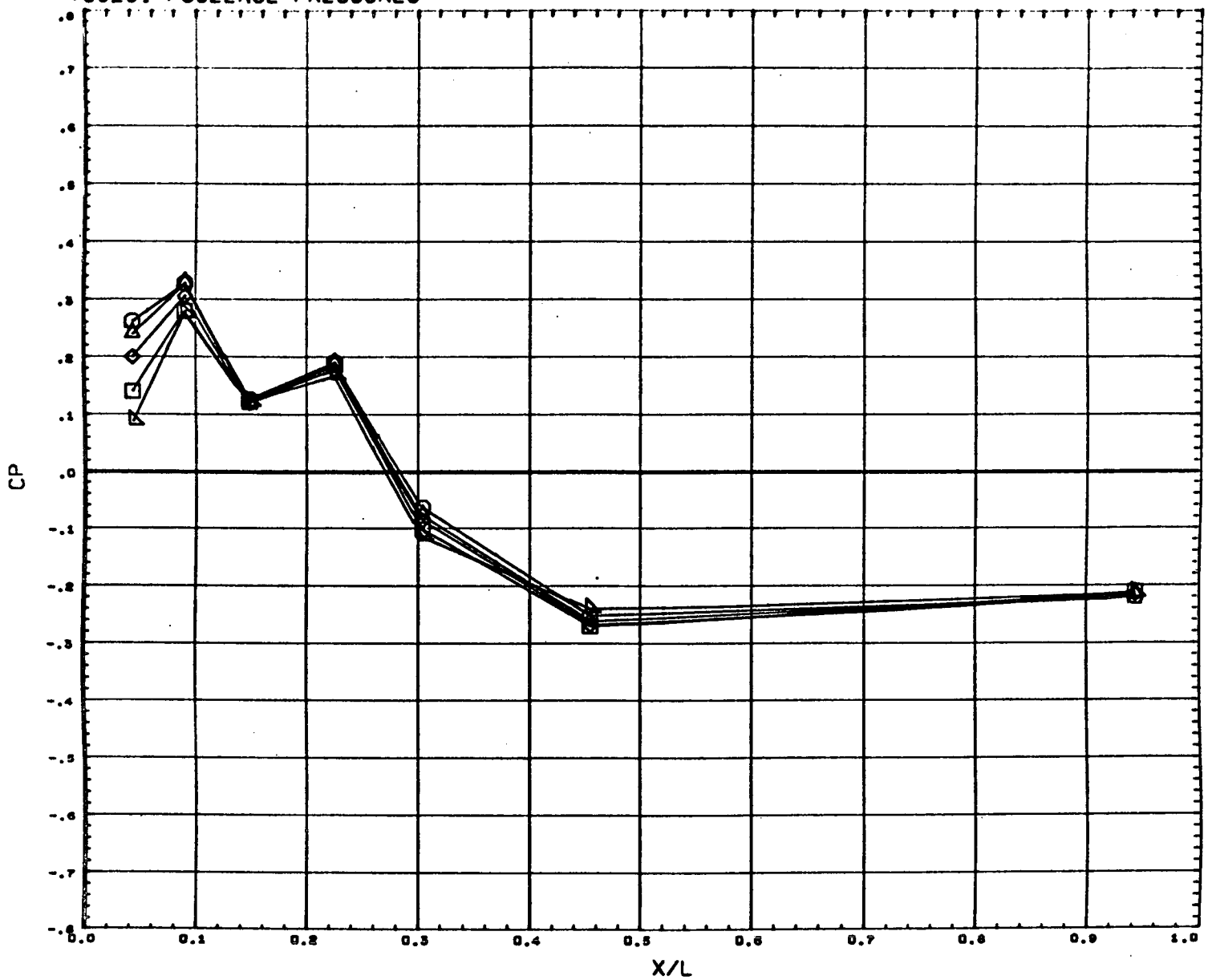
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.962
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

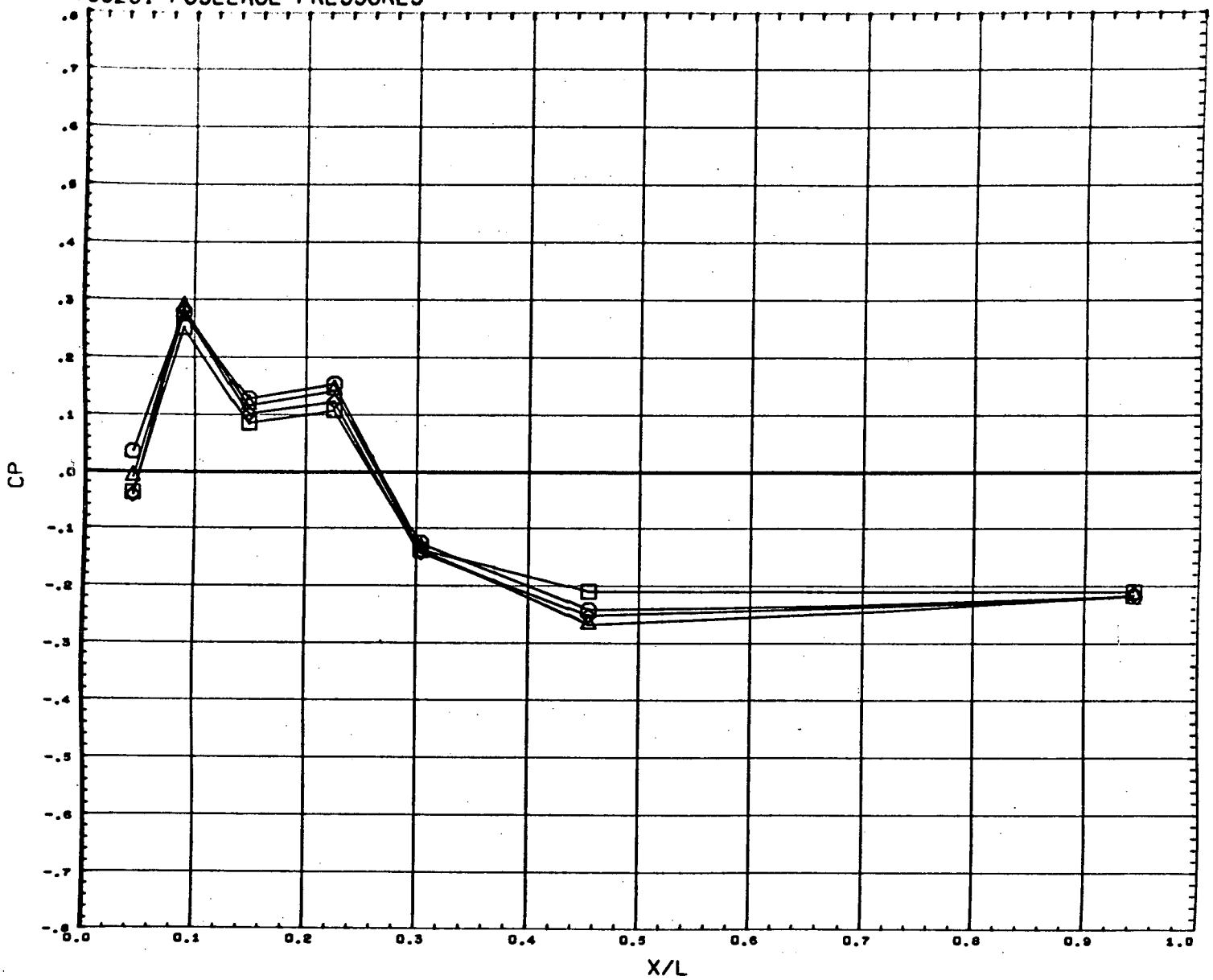
REFERENCE FILE

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

T302S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.962
△	4.000		
◇	6.000		
□	8.000		

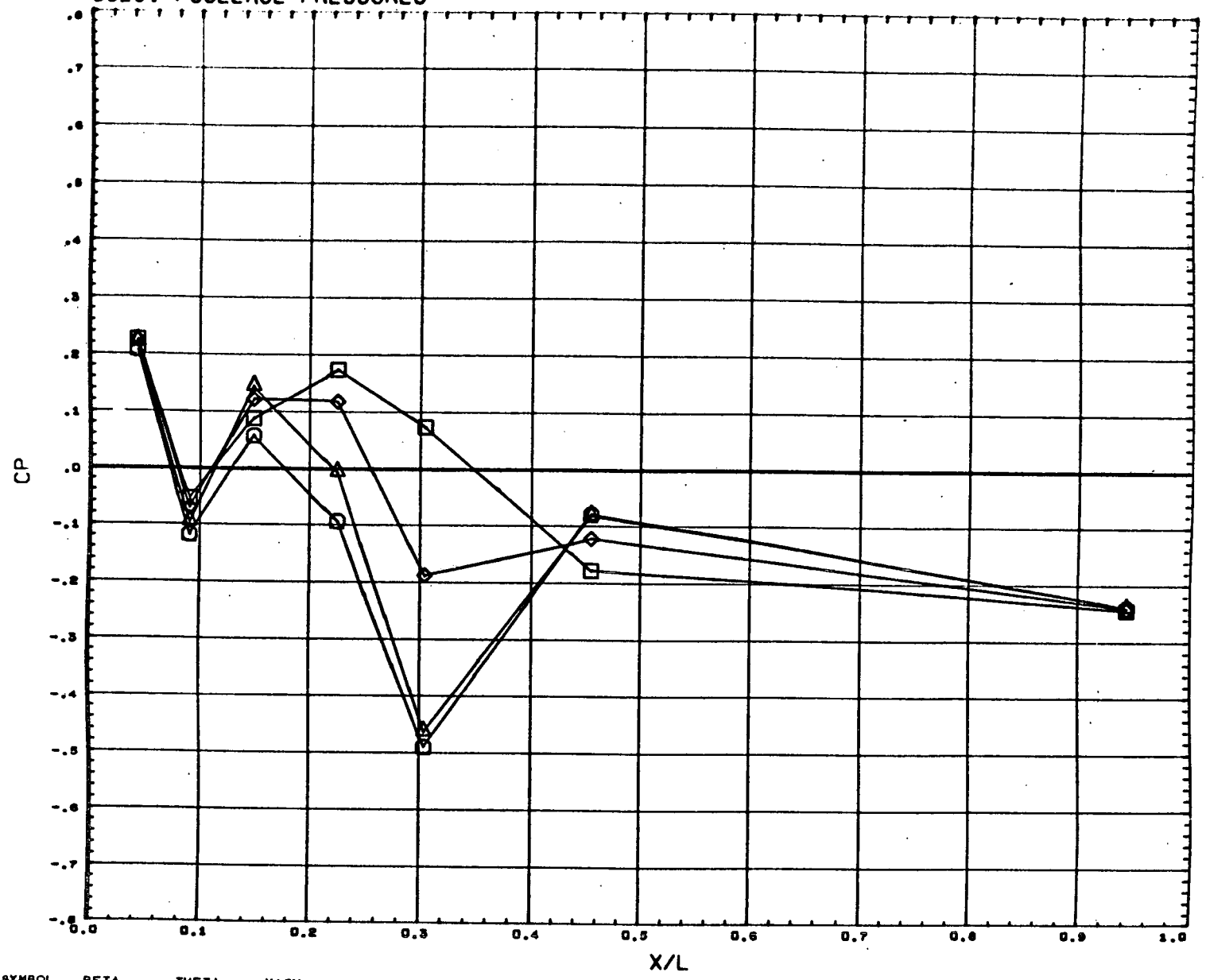
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

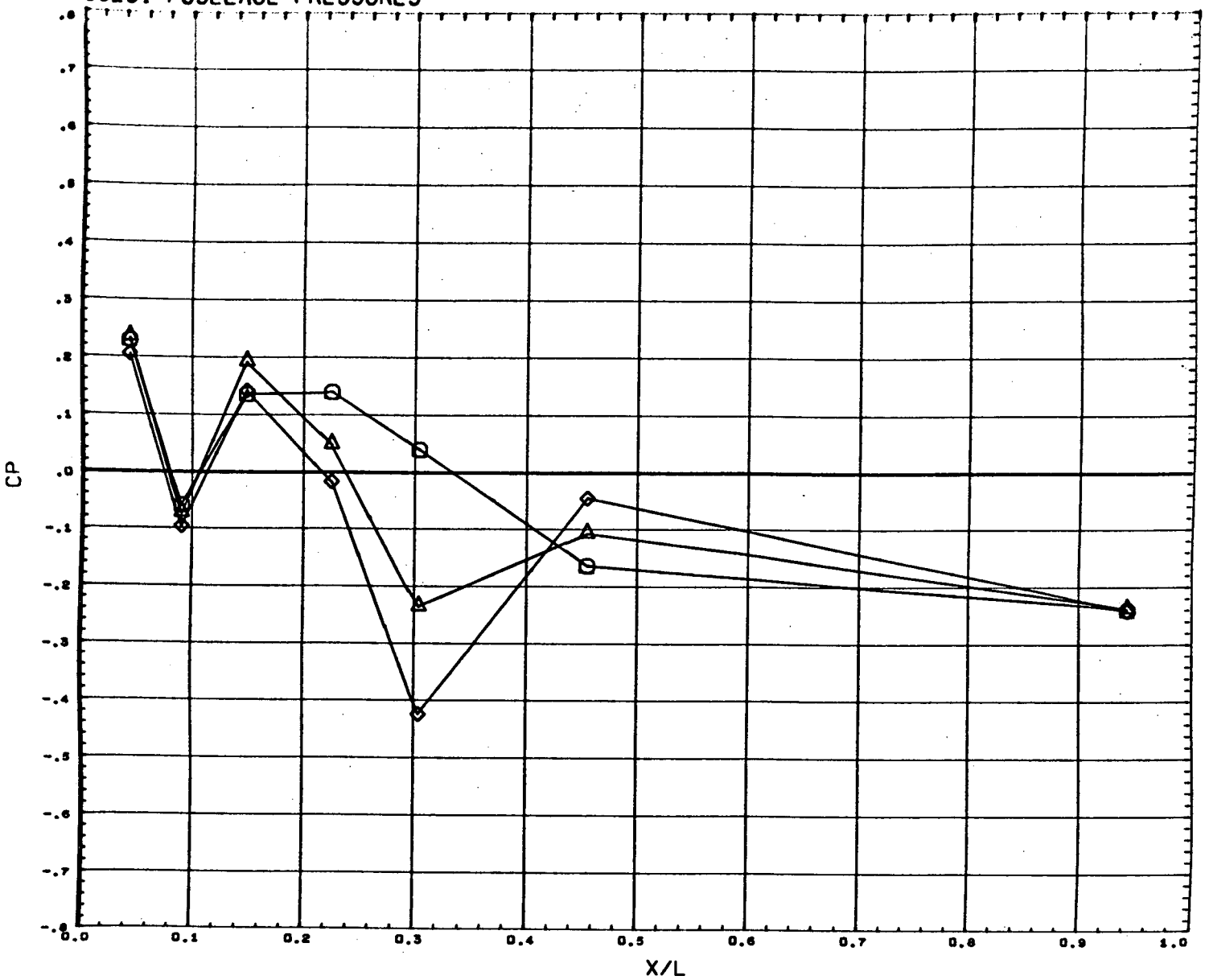
REFERENCE FILE

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.194
△	4.000		
◇	6.000		

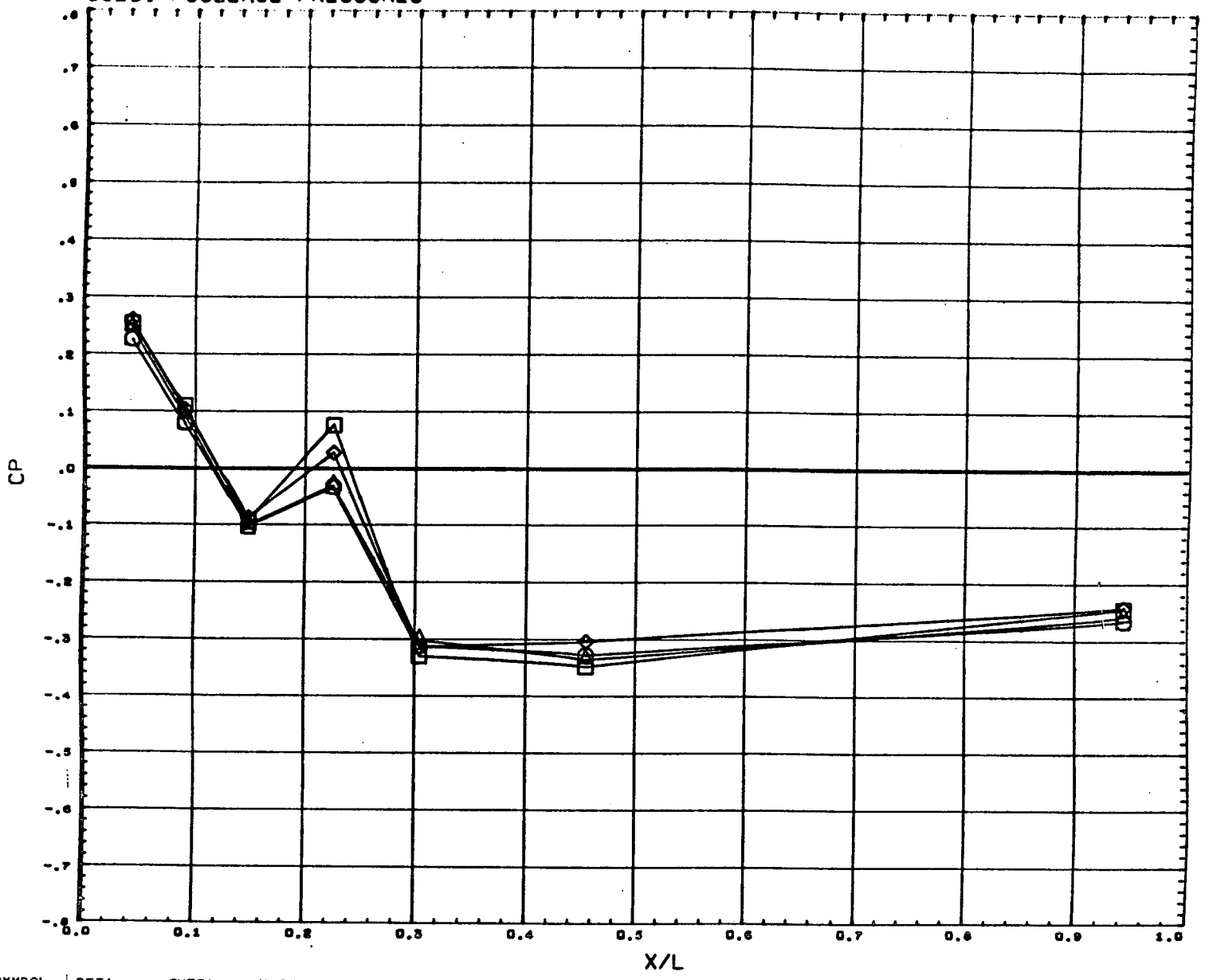
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73032)

T302S1 FUSELAGE PRESSURES



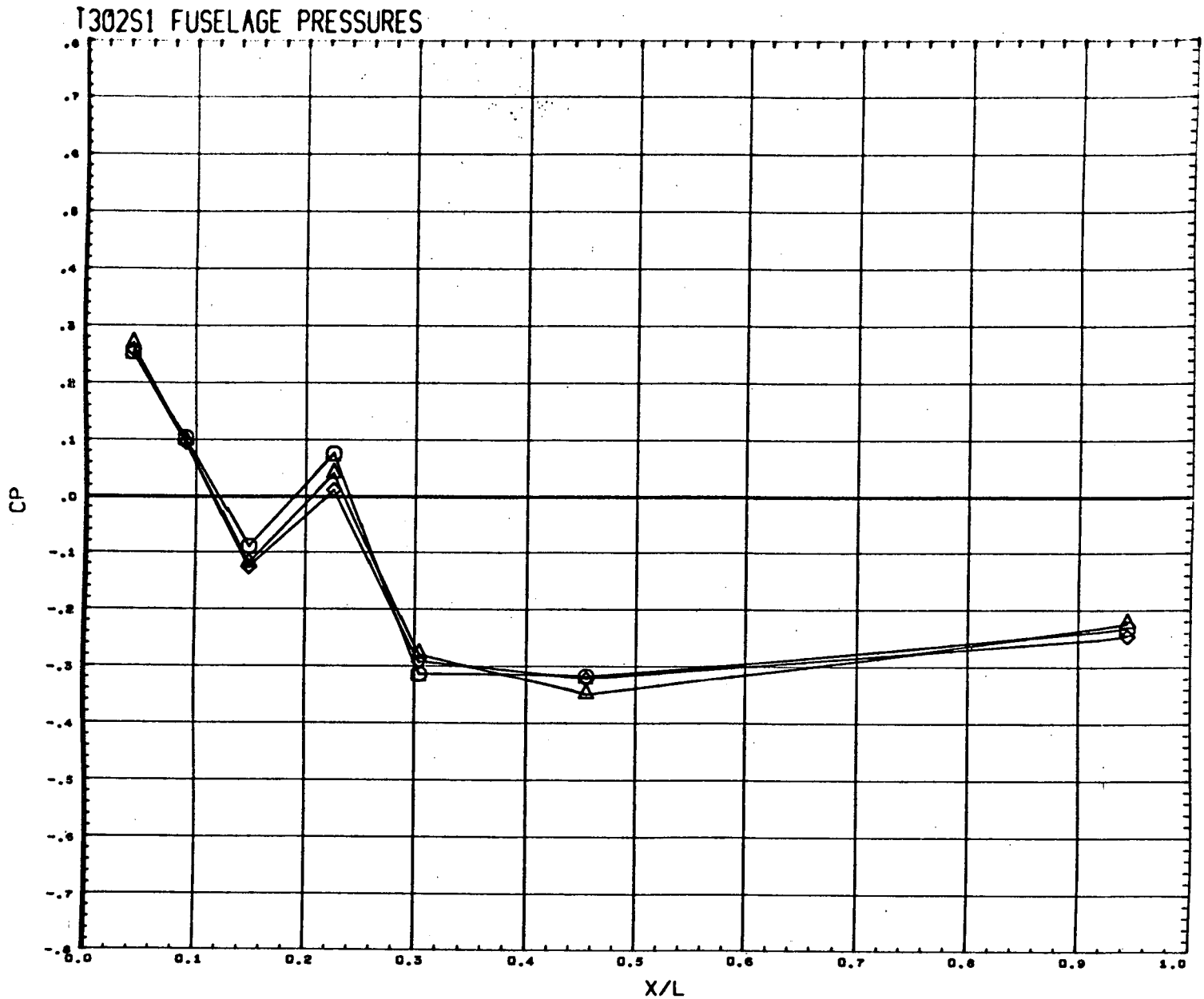
SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.460
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.460
△	4.000		
◇	6.000		

PARAMETRIC VALUES

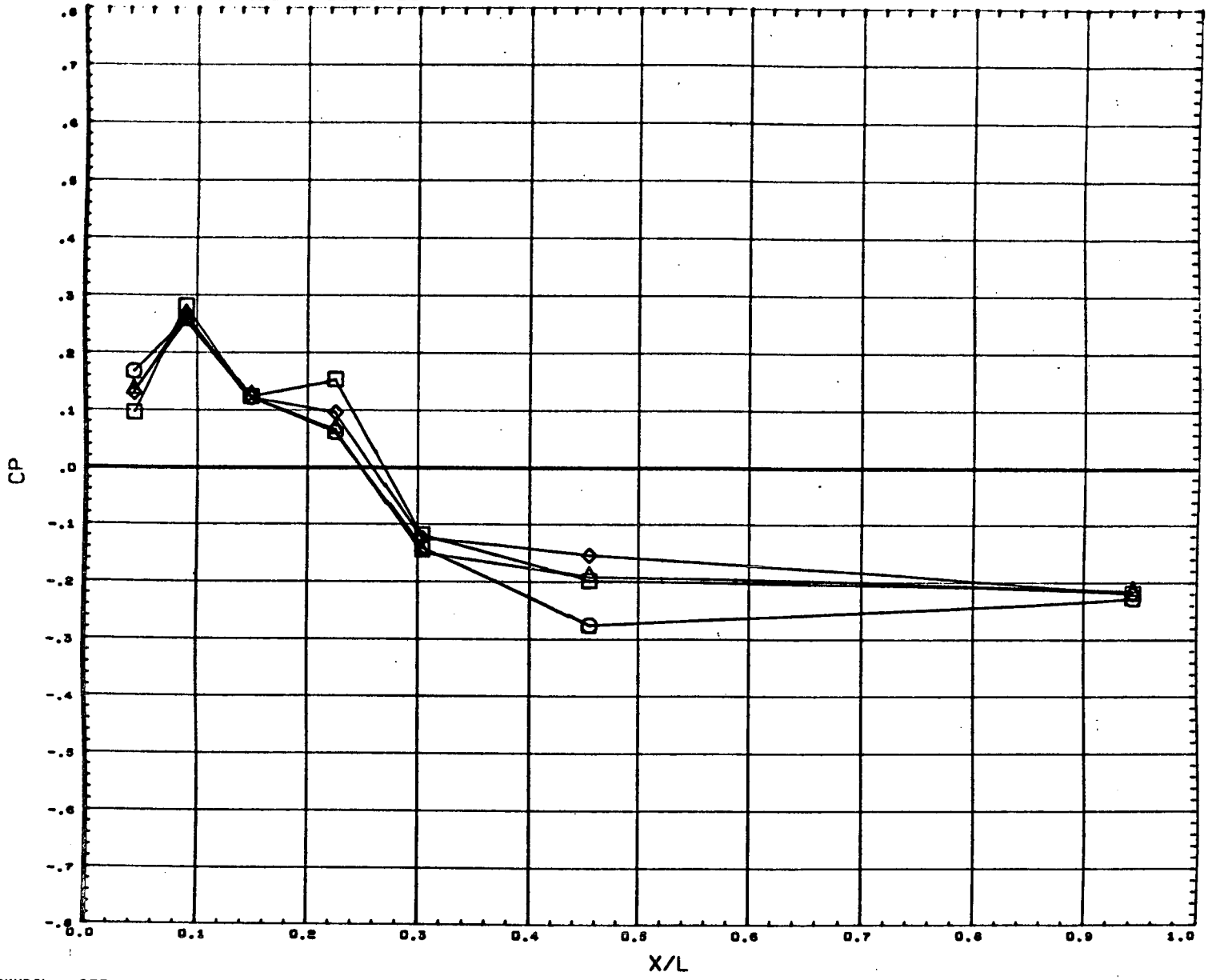
ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73032)

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	- 6.000	0.000	1.968
△	- 4.000		
◇	- 2.000		
□	0.000		

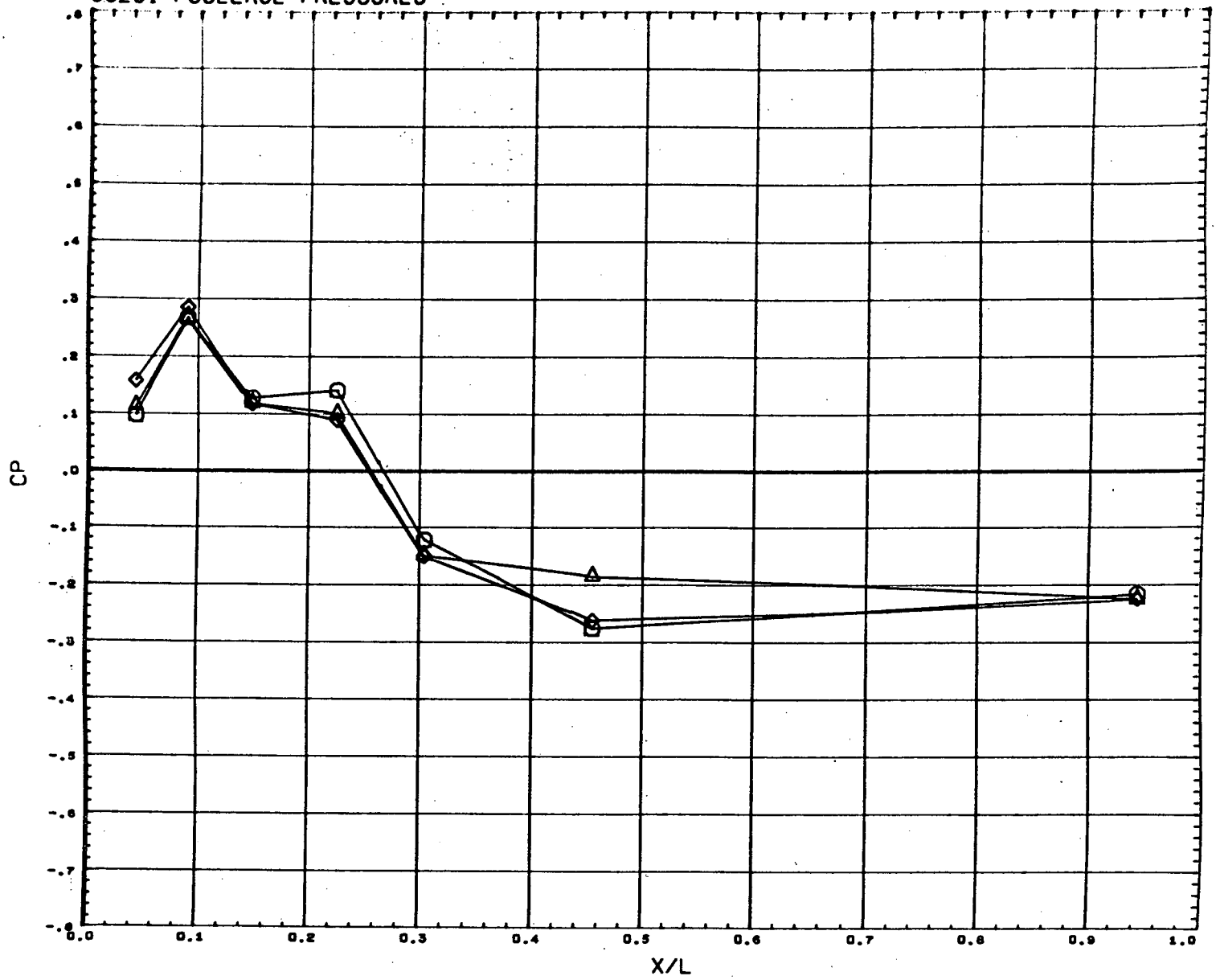
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

REFERENCE FILE

T302S1 FUSELAGE PRESSURES



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.968
△	4.000		
◇	6.000		

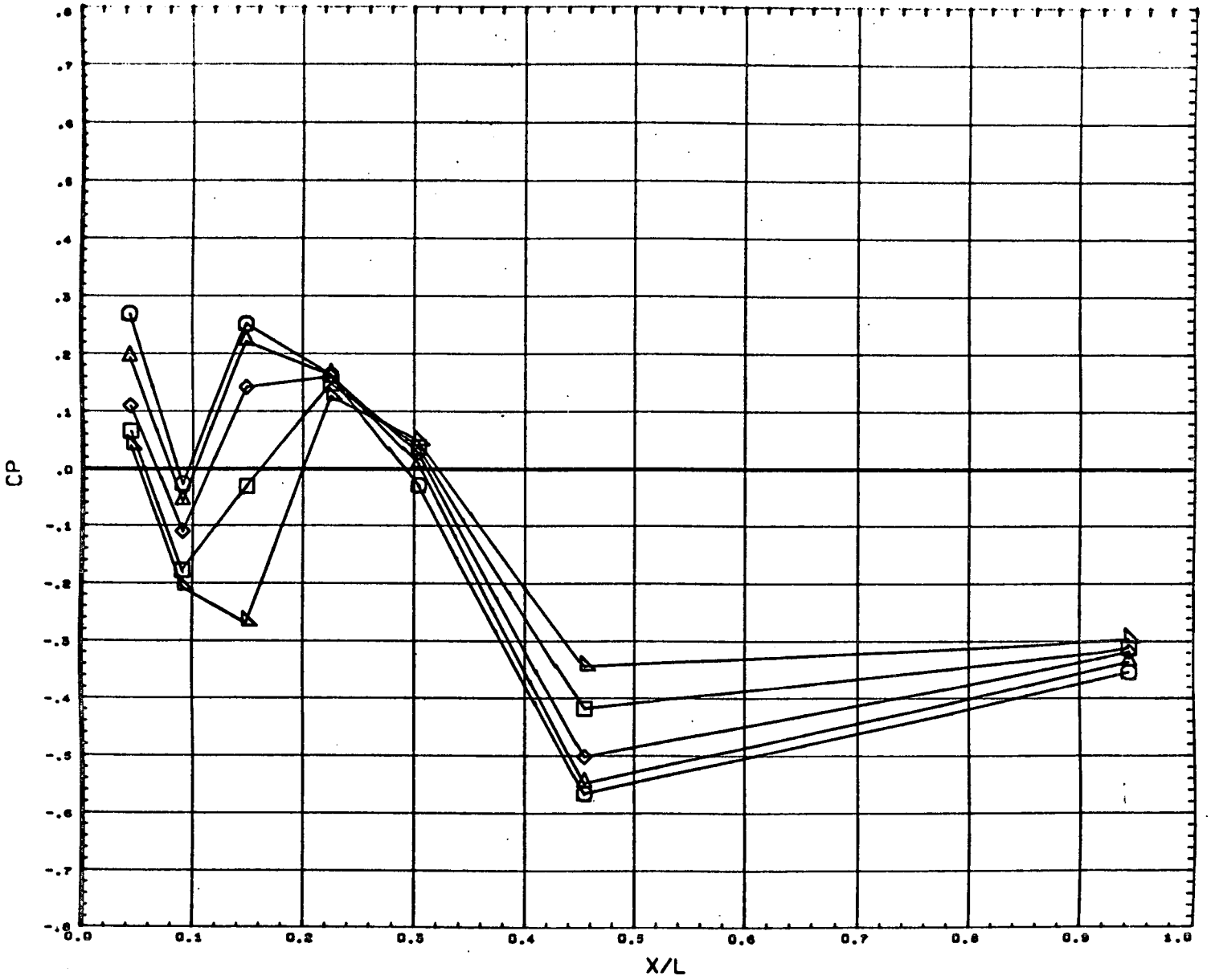
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	135.000		

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T302S1 FUSELAGE (A73032)

T101S1 FUSELAGE PRESSURES



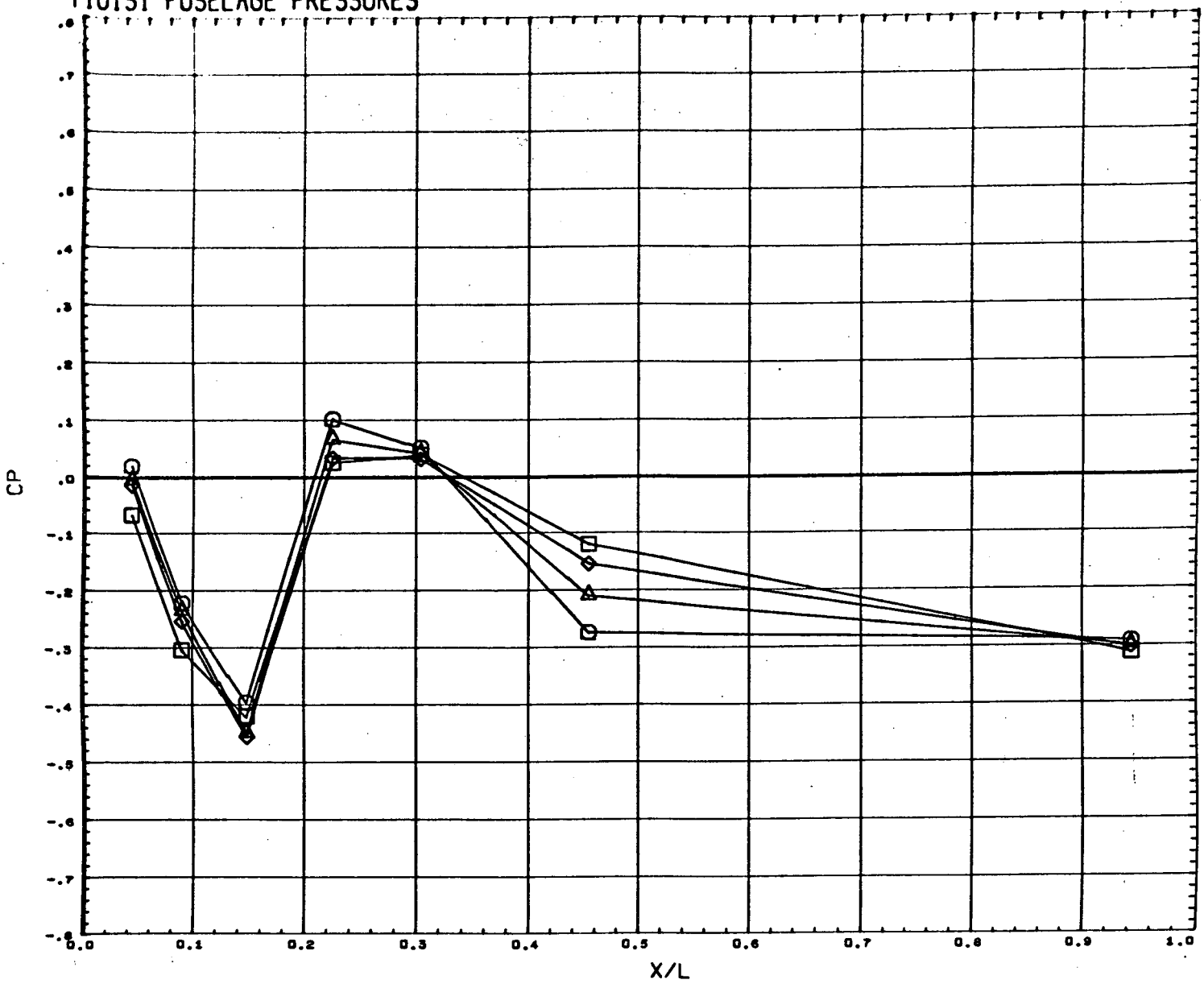
SYMBOL	ALPHA	THETA	MACH
○	8.000	0.000	1.199
△	6.000		
◇	4.000		
□	2.000		
◁	0.000		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

T101S1 FUSELAGE PRESSURES



SYMBOL	ALPHA	THETA	MACH
○	2.000	0.000	1.199
△	4.000		
◇	6.000		
□	8.000		

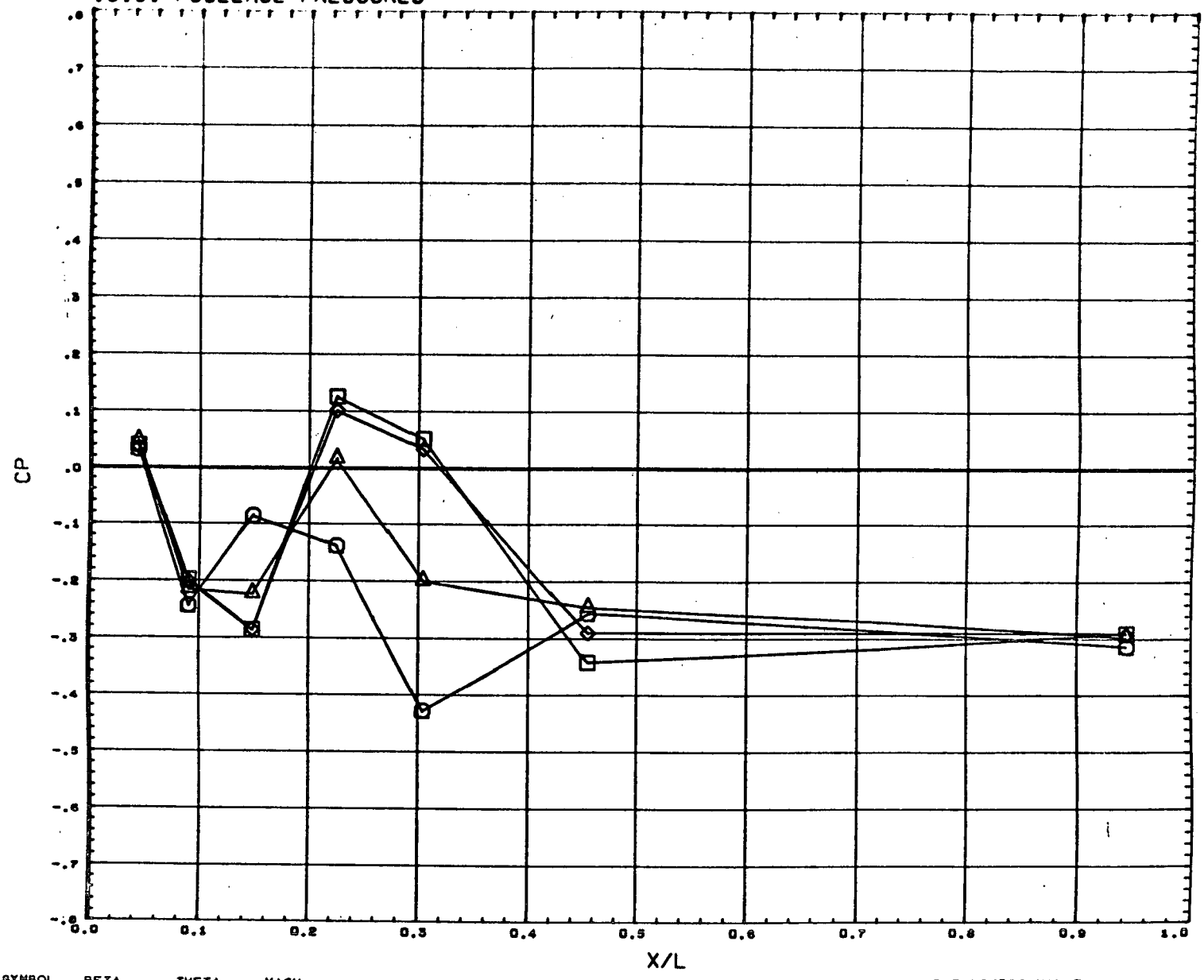
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

T101S1 FUSELAGE PRESSURES

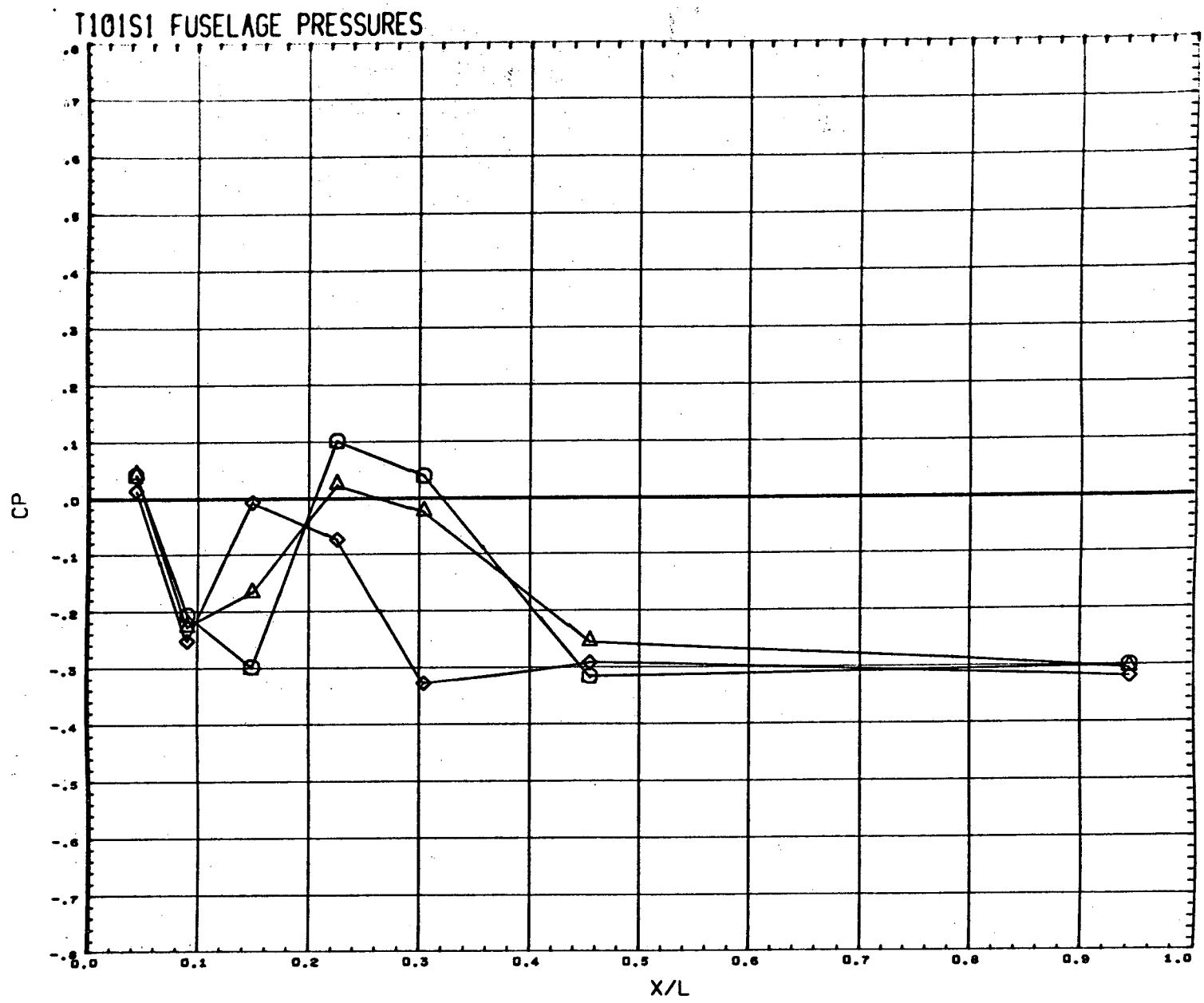


SYMBOL	BETA	THETA	MACH
○	6.000	0.000	1.201
△	4.000		
◇	2.000		
□	0.000		

REFERENCE FILE

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		



SYMBOL	BETA	THETA	MACH
○	2.000	0.000	1.201
△	4.000		
◇	6.000		

PARAMETRIC VALUES

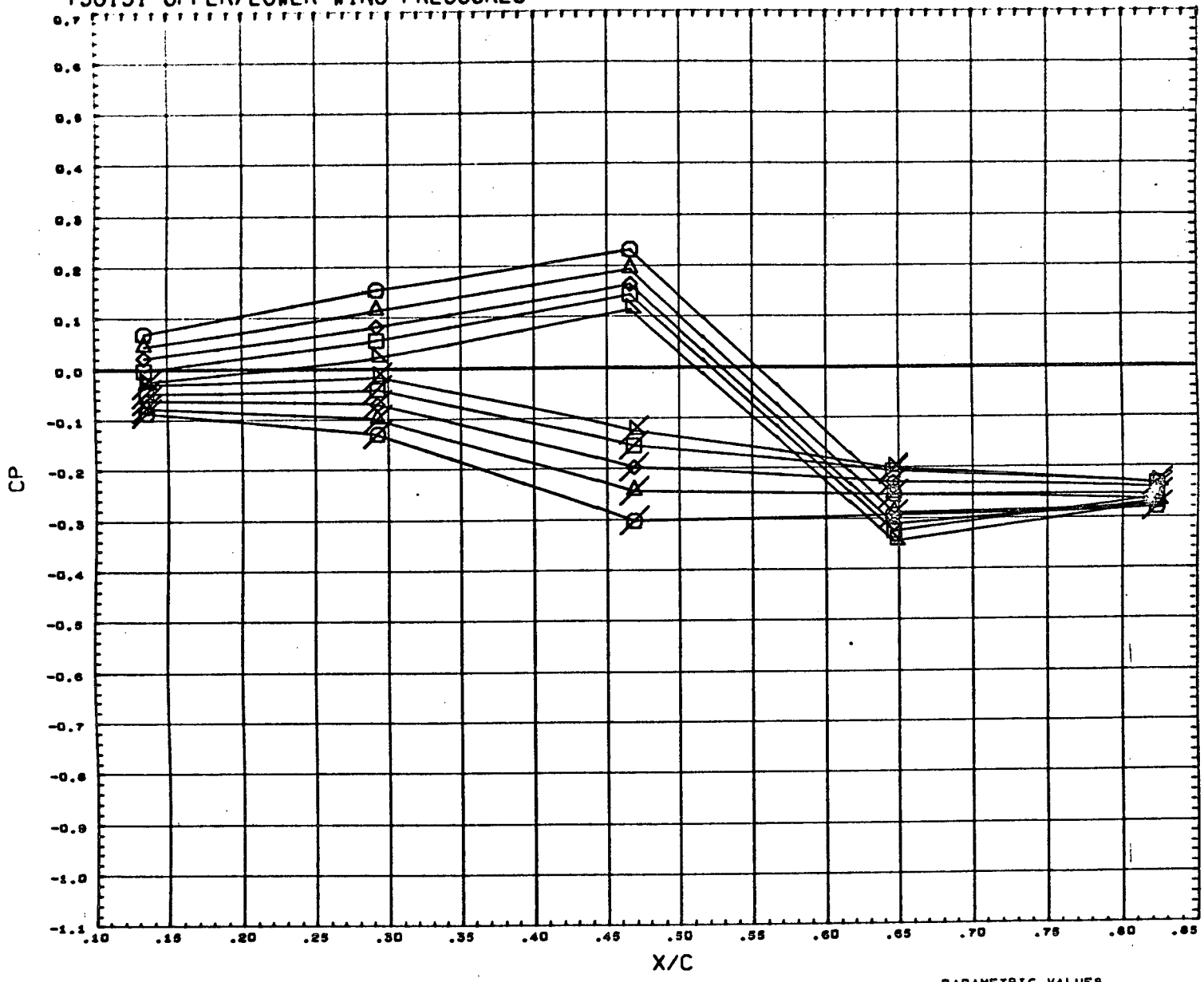
ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

REFERENCE FILE

MSFC TWT 550 LAUNCH PRESSURES T101S1 FUSELAGE (A73034)

T301S1 UPPER/LOWER WING PRESSURES



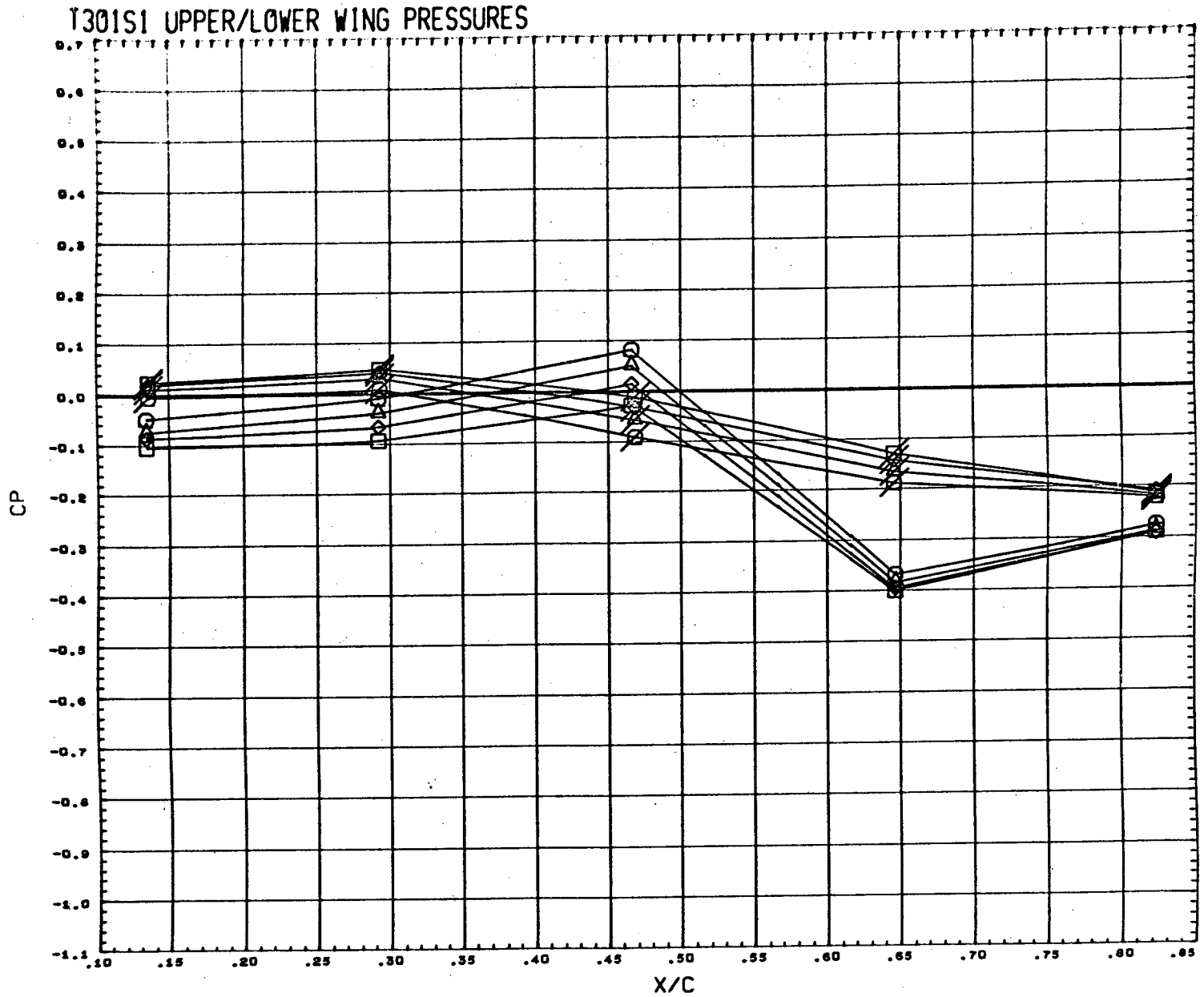
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	0.595
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC -	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.595
△	4.000		
◇	6.000		
□	8.000		

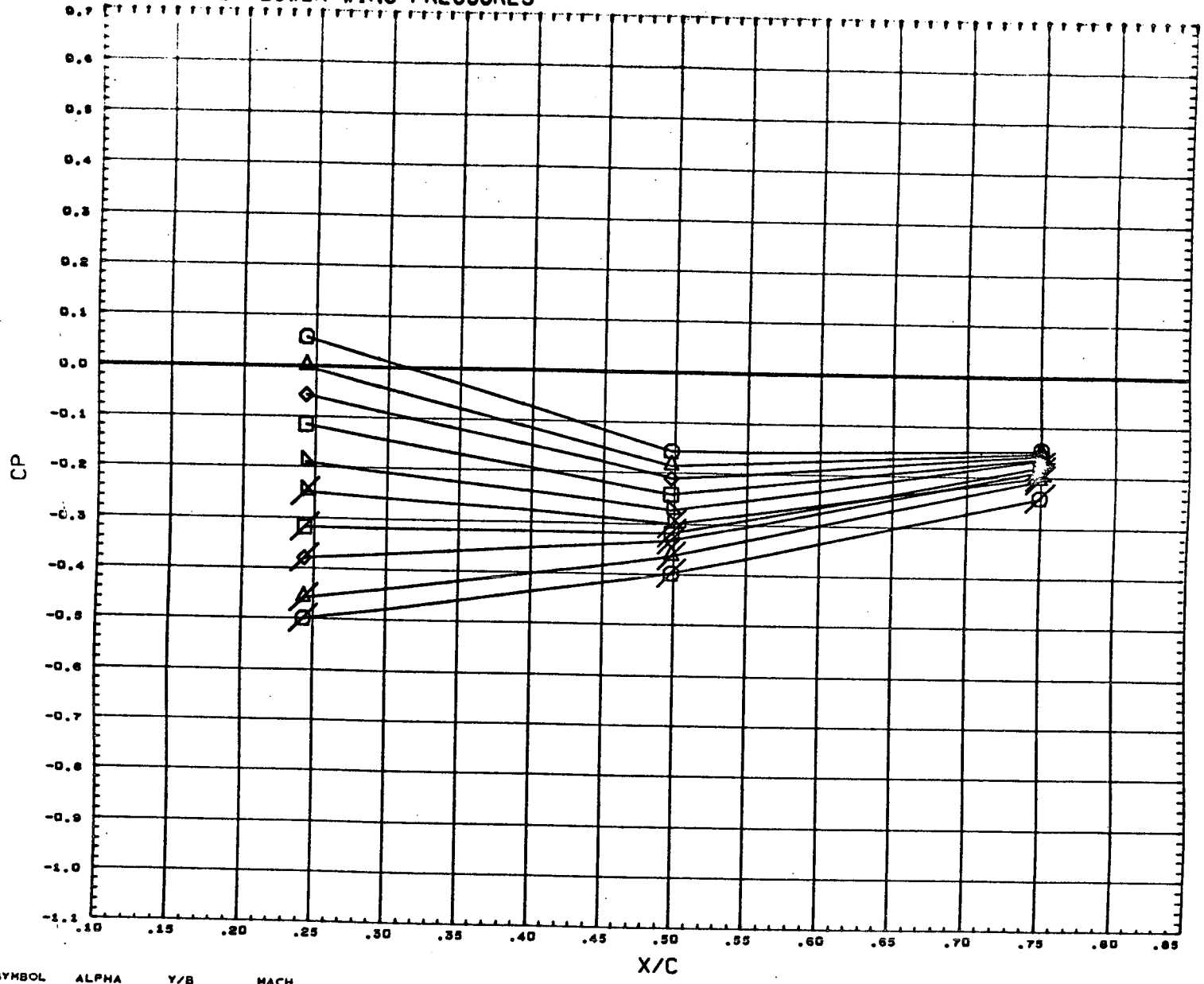
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.595
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

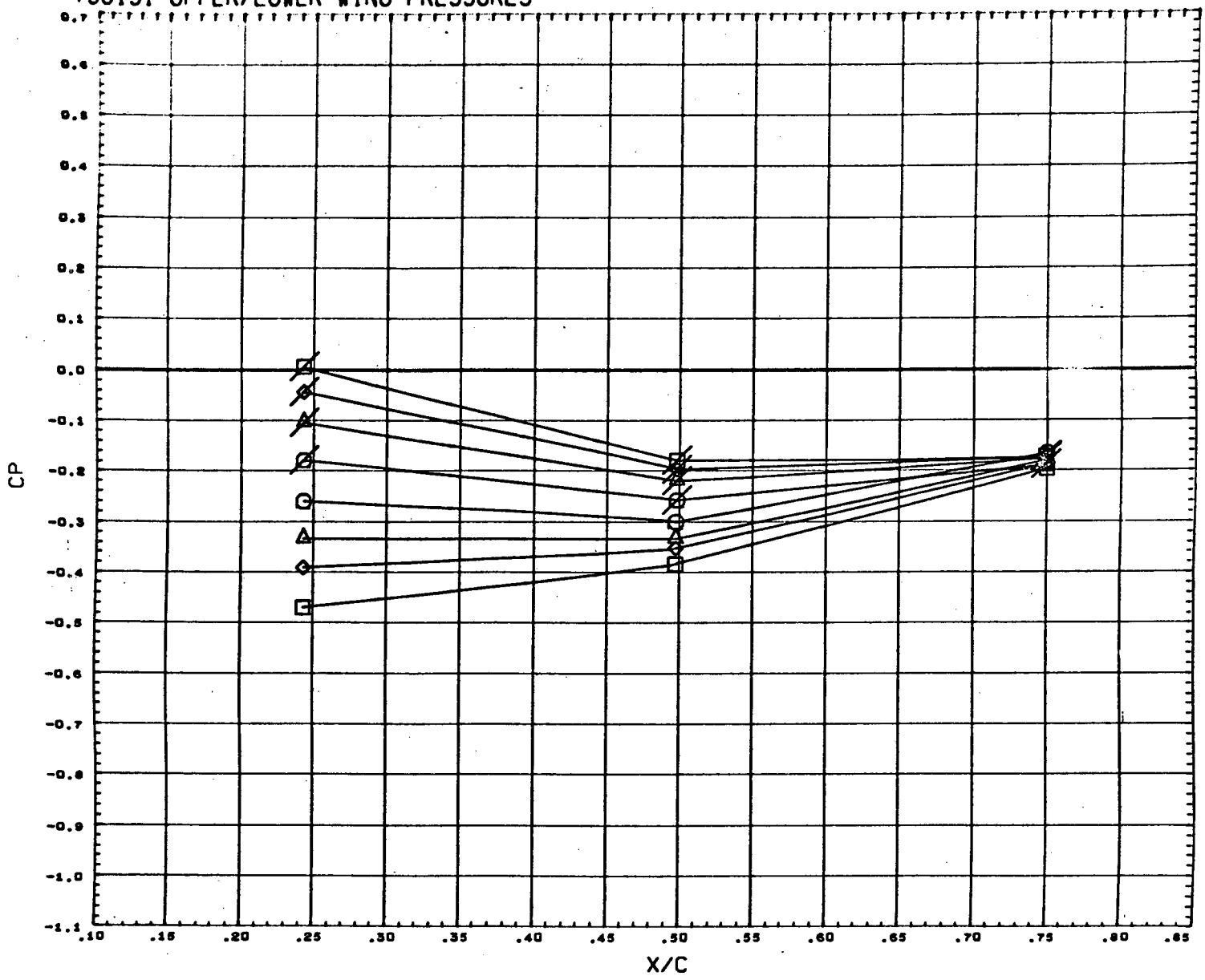
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.595
△	4.000		
◇	6.000		
□	8.000		

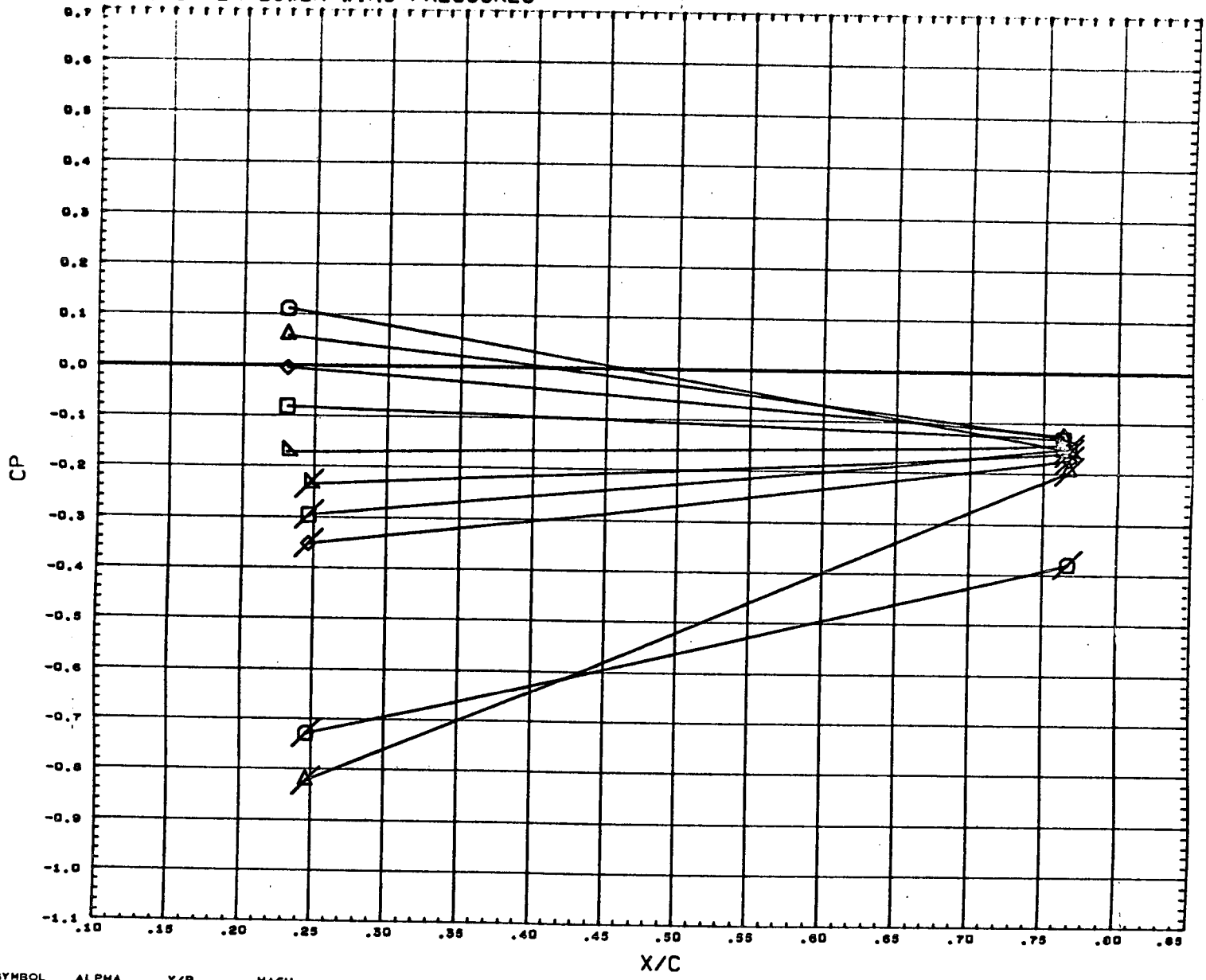
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.595
△	6.000		
◇	4.000		
□	2.000		
	0.000		

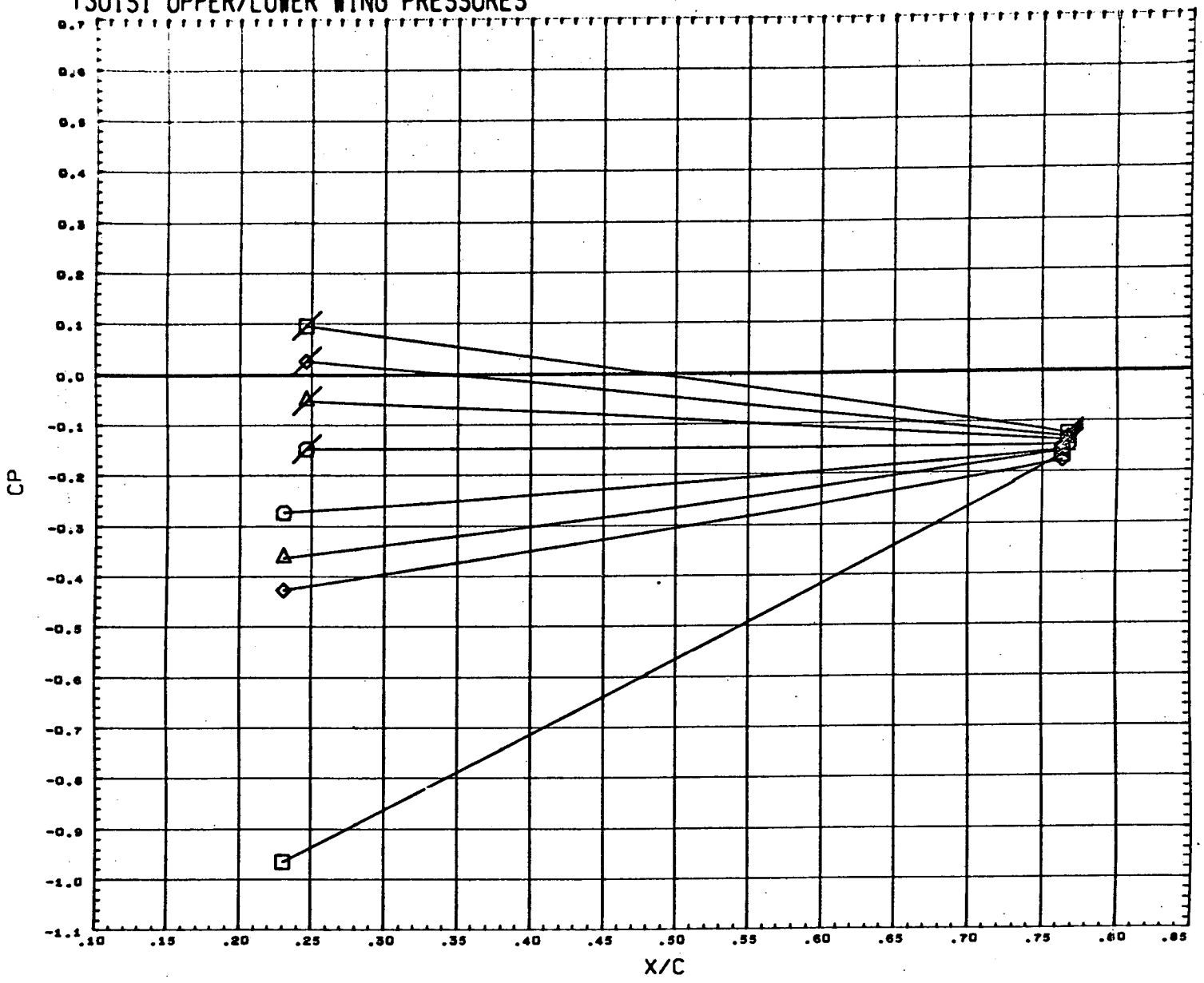
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.595
△	4.000		
◇	6.000		
□	8.000		

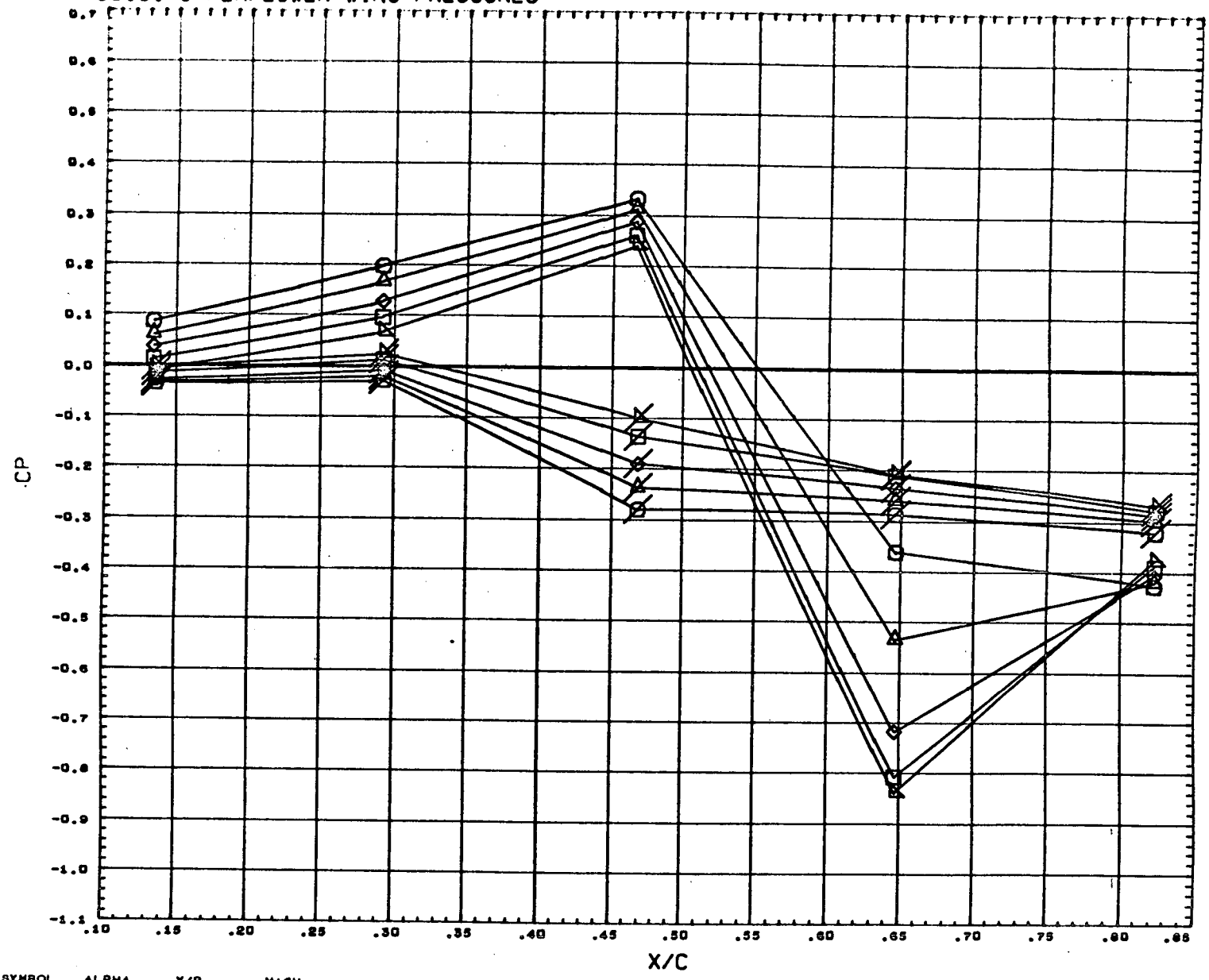
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.900
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

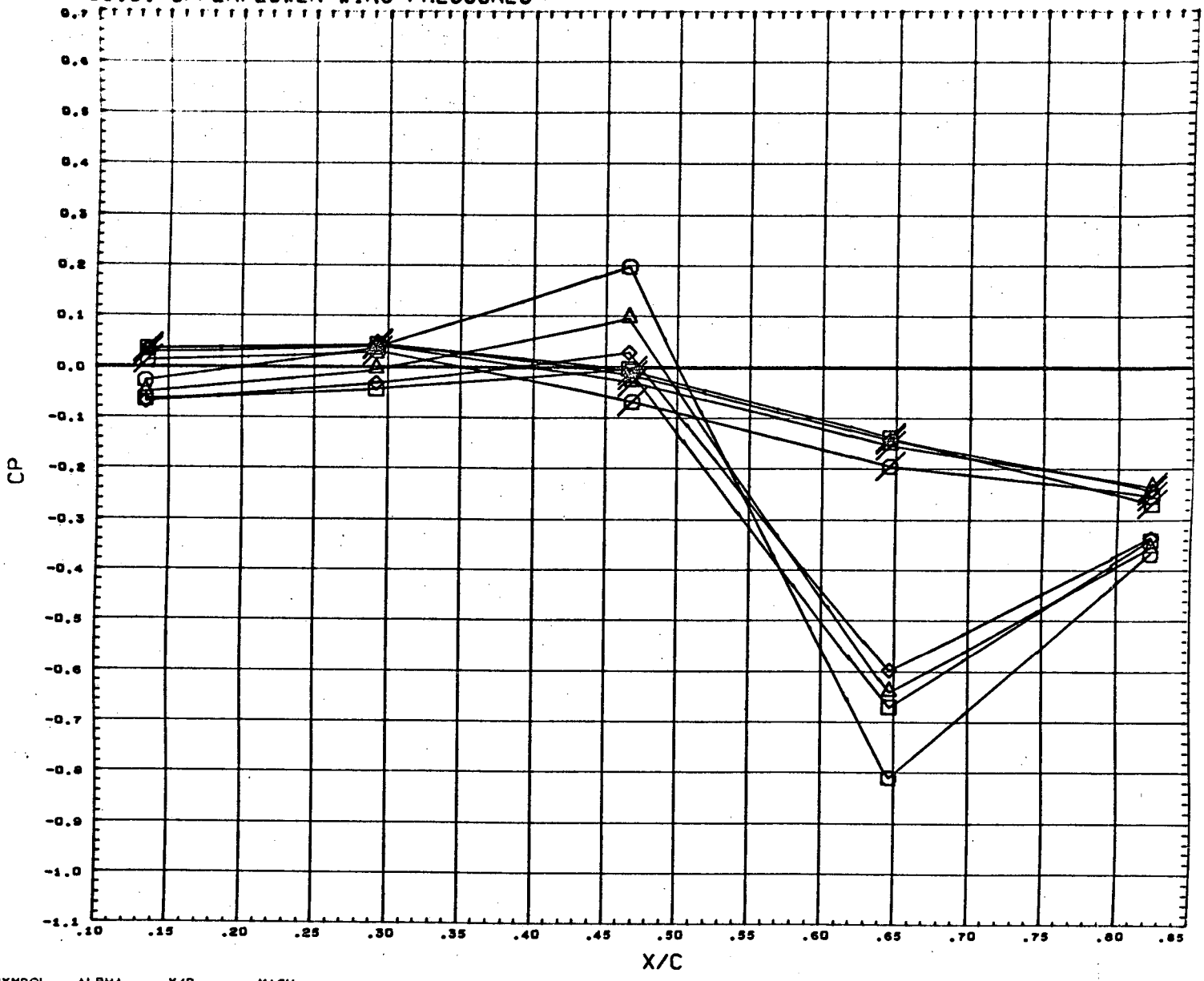
BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

E

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.900
△	4.000		
◇	6.000		
□	8.000		

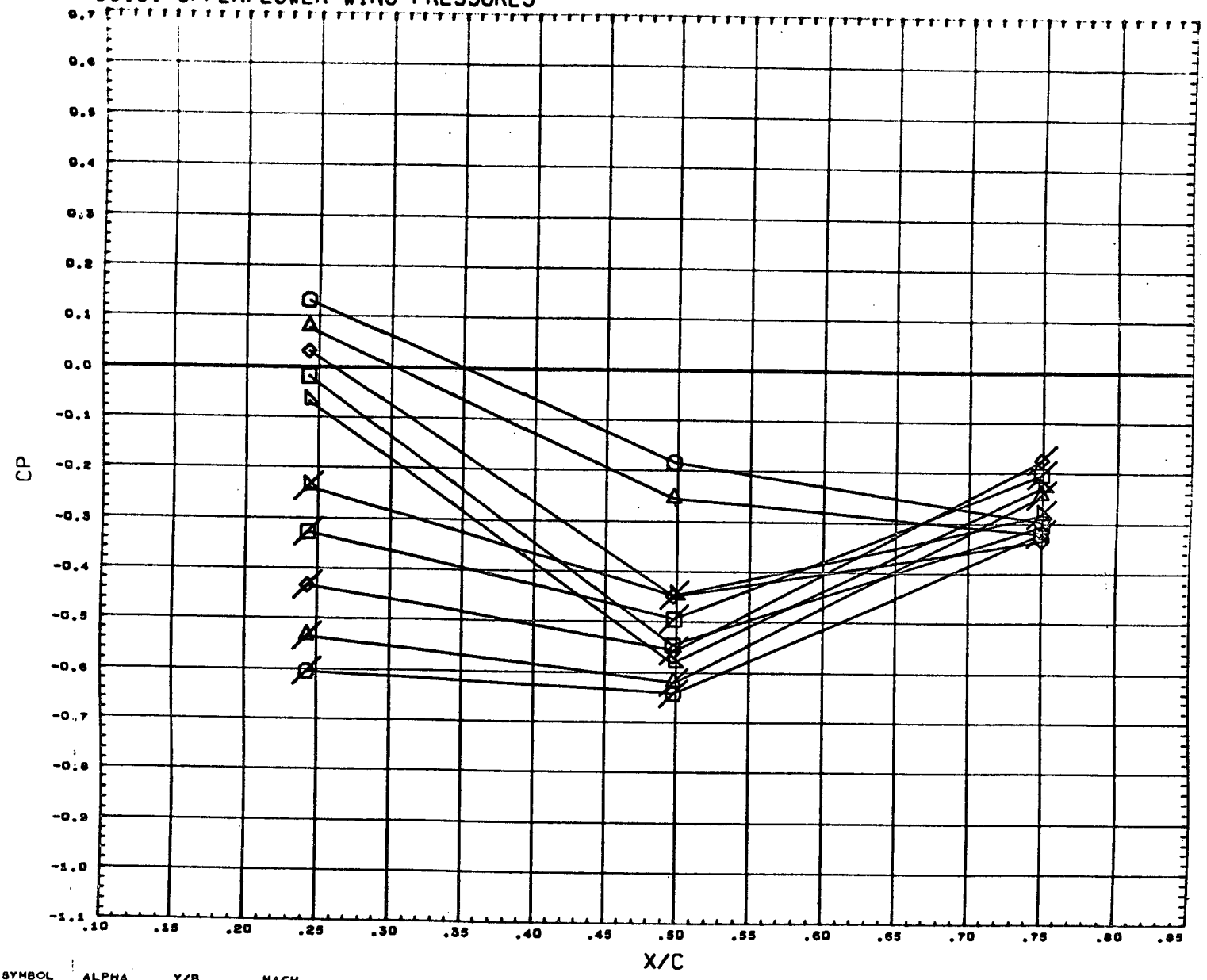
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



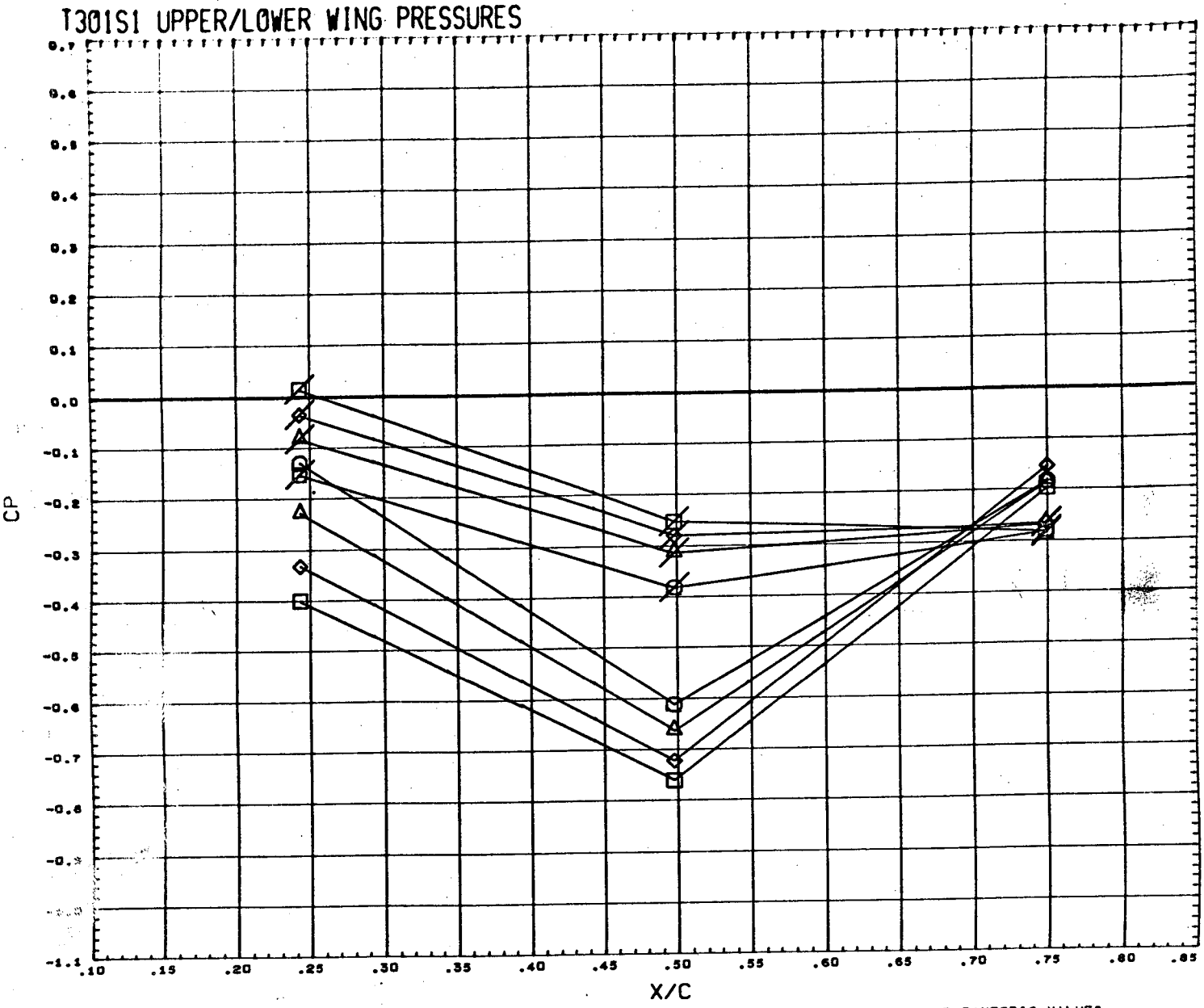
SYMBOL	ALPHA	Y/B	MACH
○ △	8.000	0.560	0.900
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.900
△	4.000		
◇	6.000		
□	8.000		

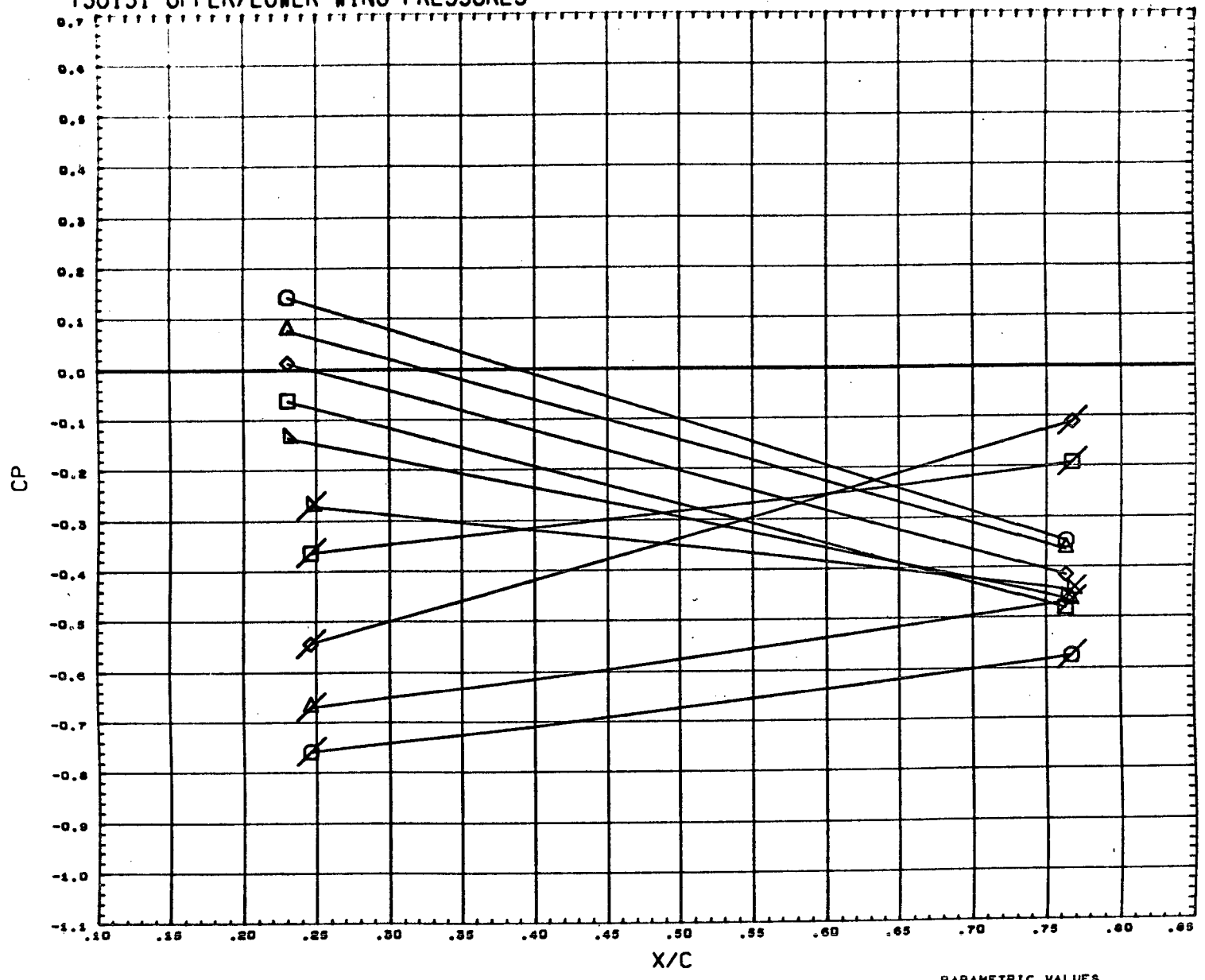
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.900
△	6.000		
◇	4.000		
□	2.000		
◹	0.000		

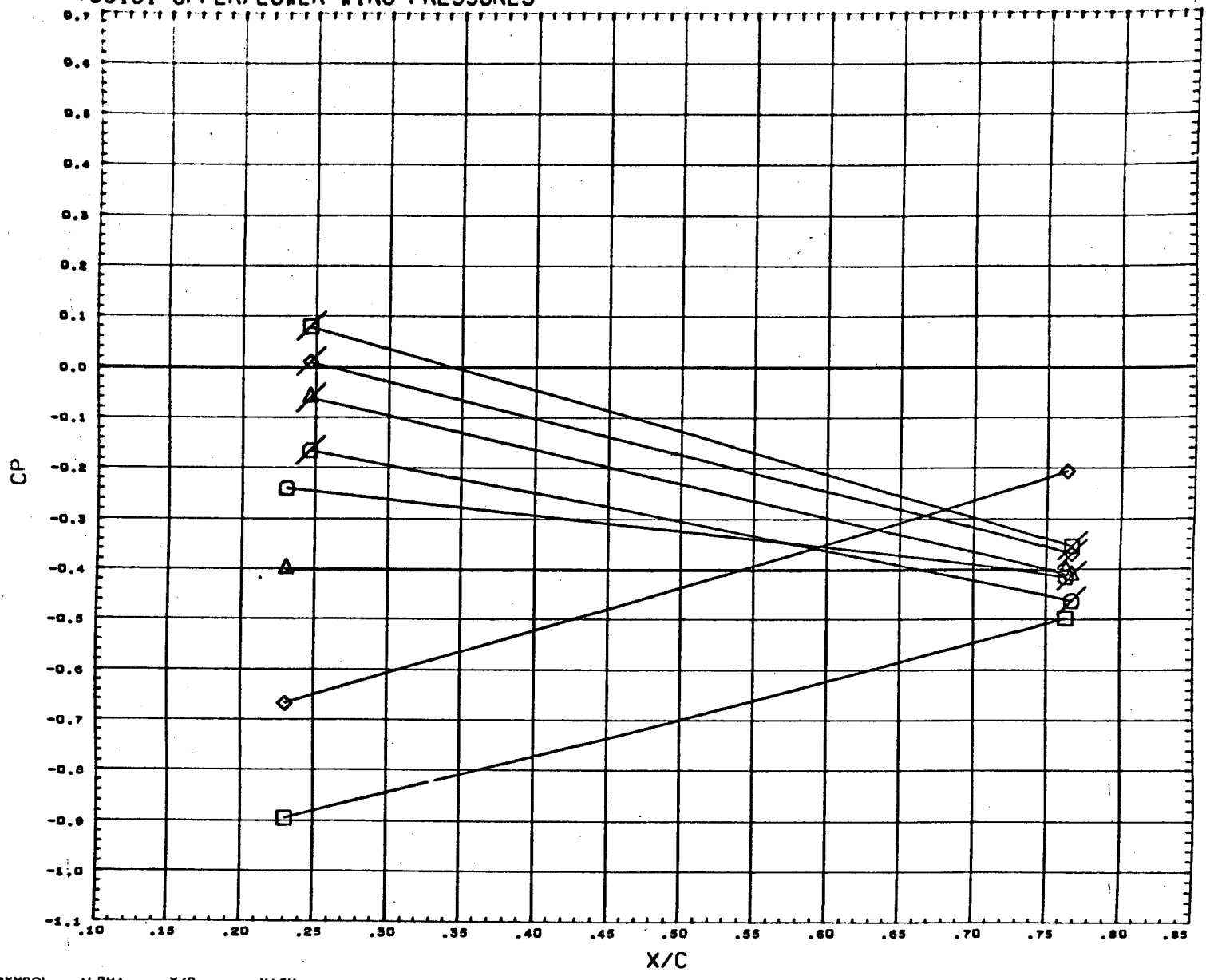
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	0.900
△	4.000		
◇	6.000		
□	8.000		

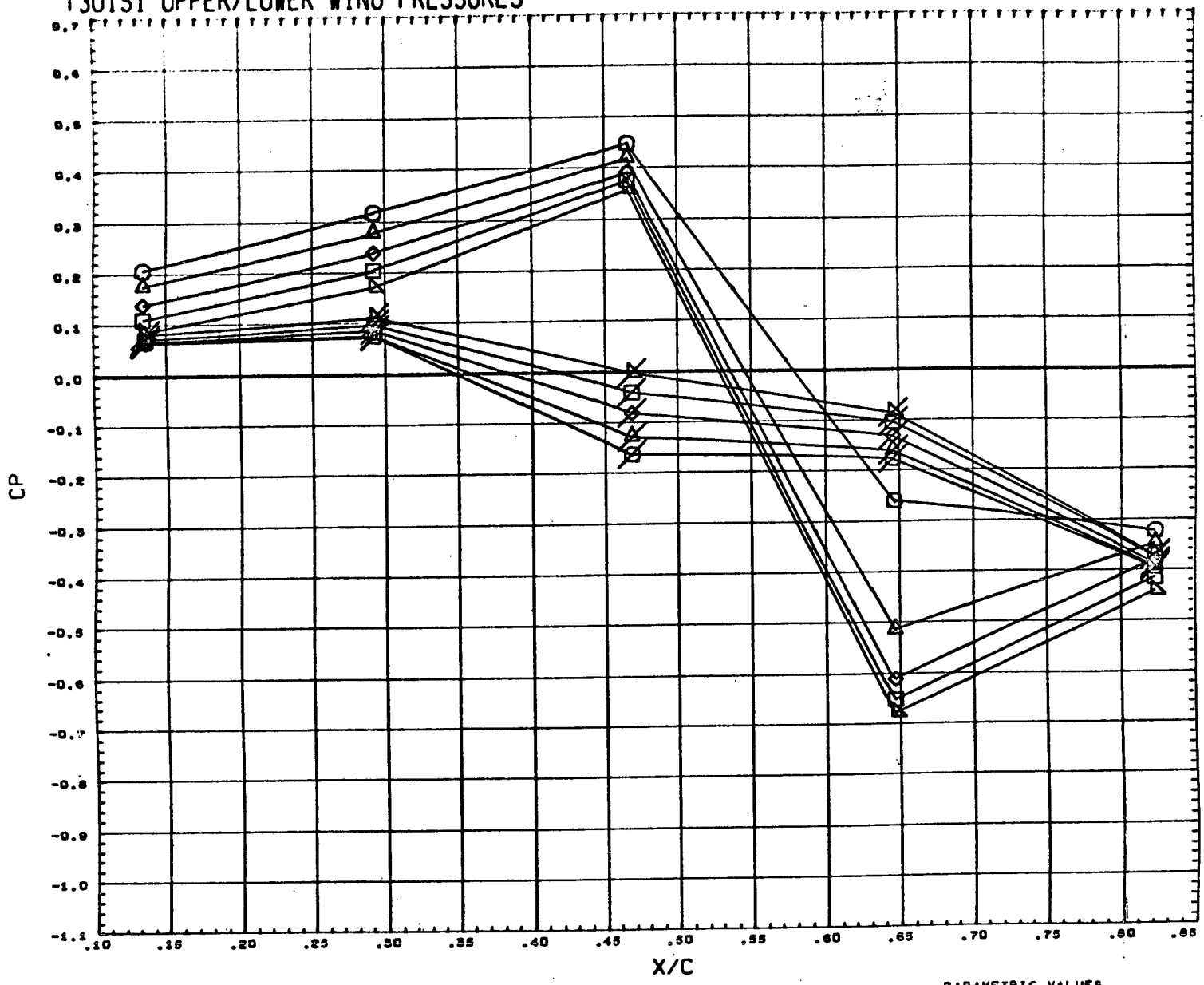
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.997
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

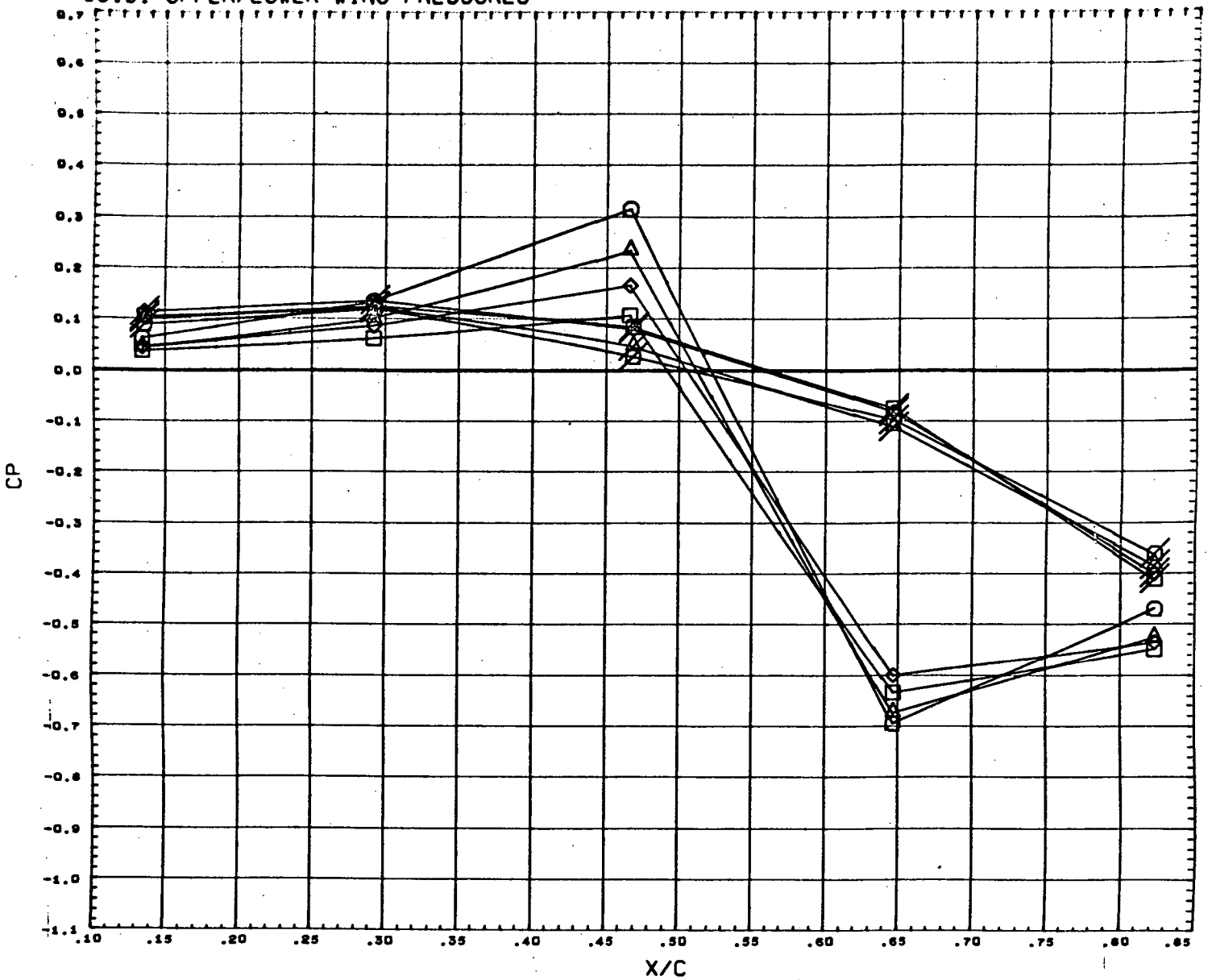
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.997
△	4.000		
◇	6.000		
□	8.000		

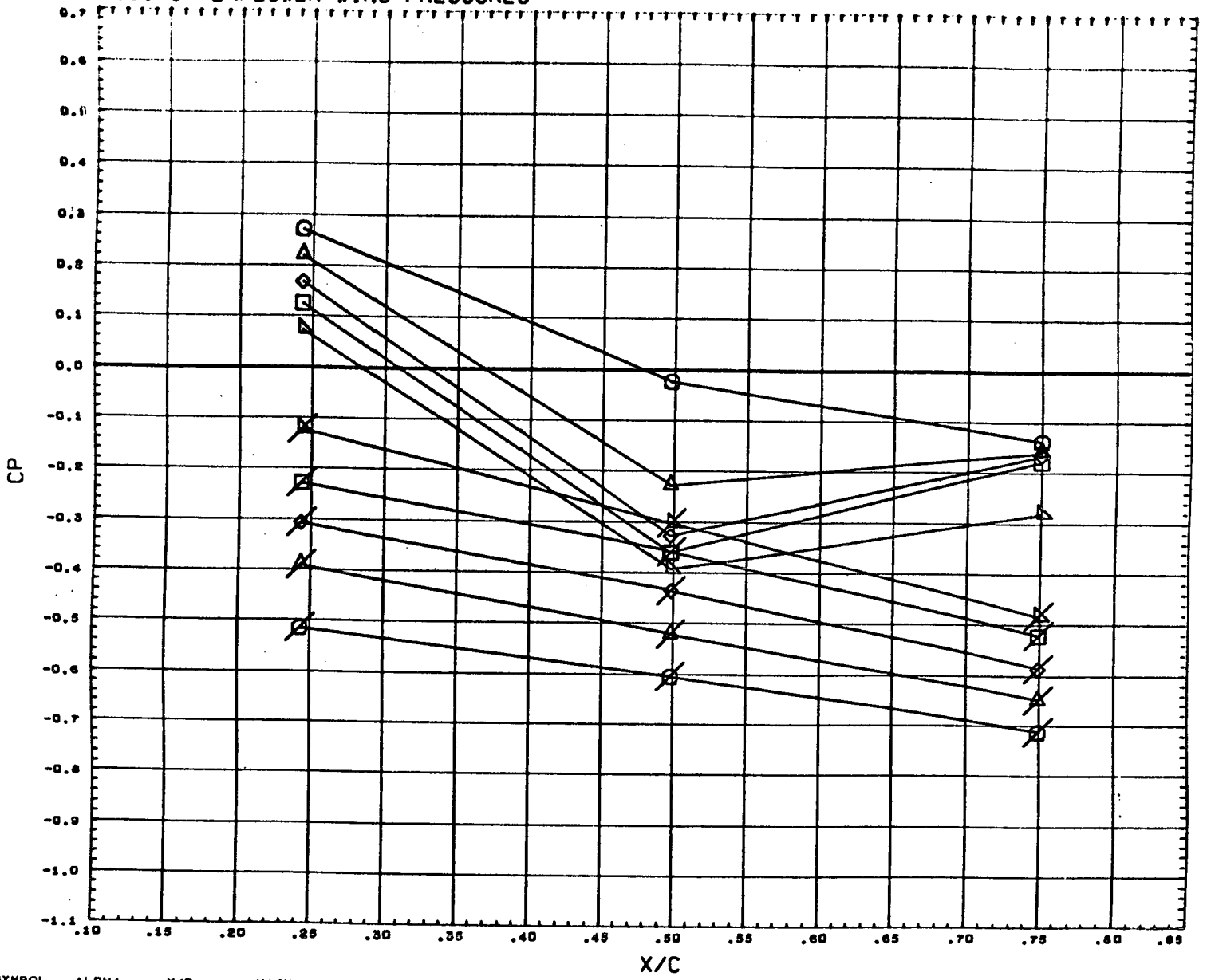
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○△	8.000	0.560	0.997
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

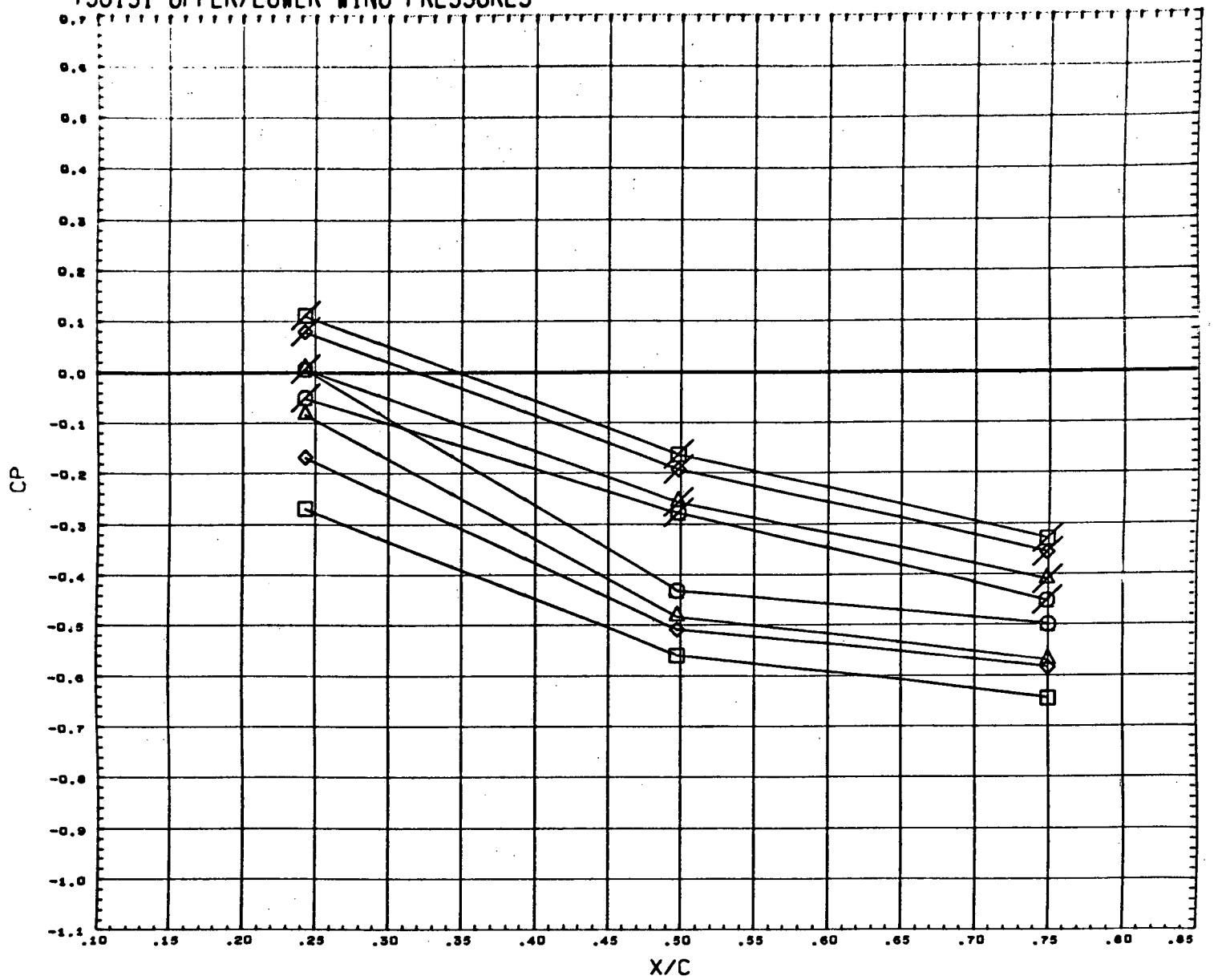
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.997
△	4.000		
◇	6.000		
□	8.000		

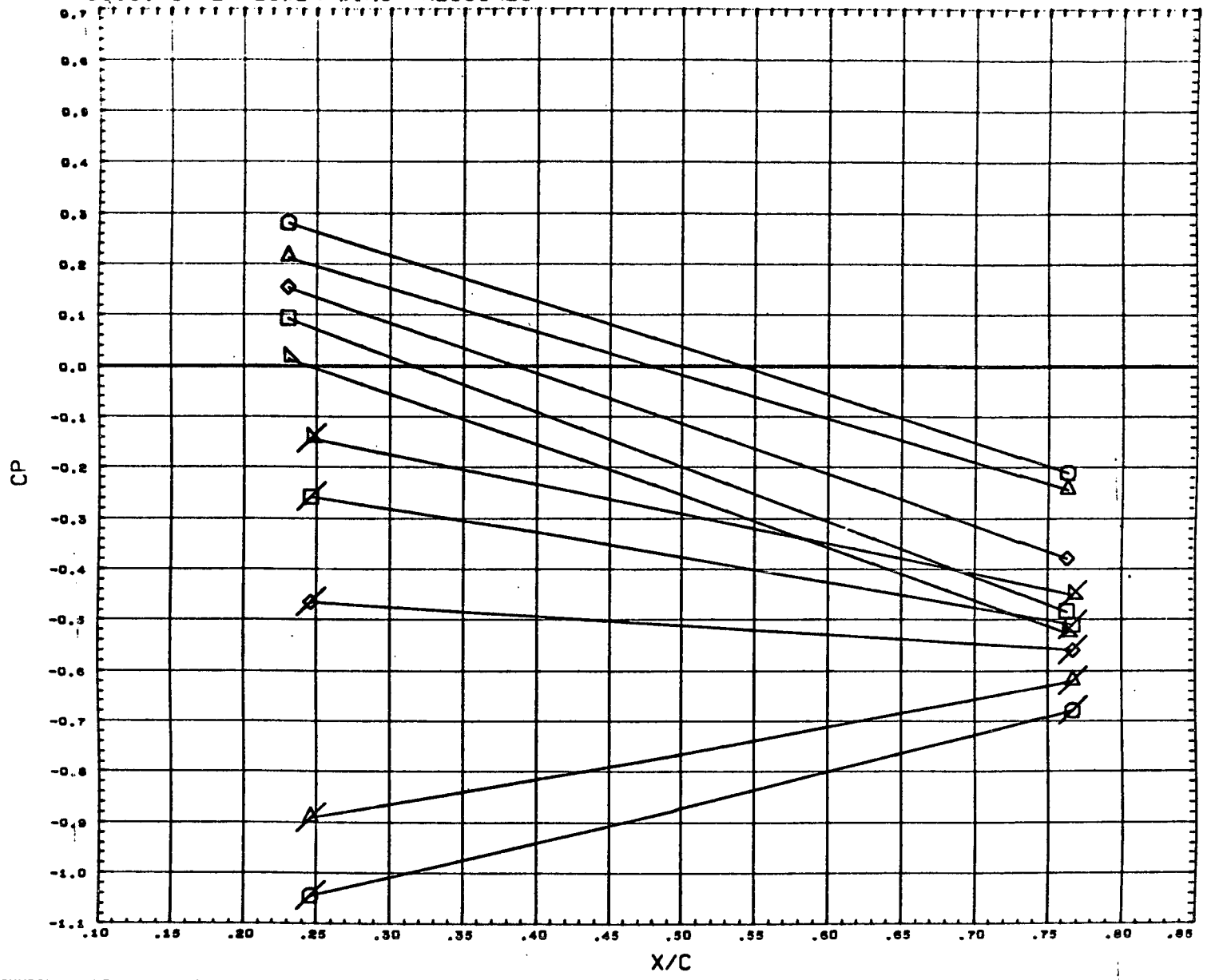
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.645	0.997
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

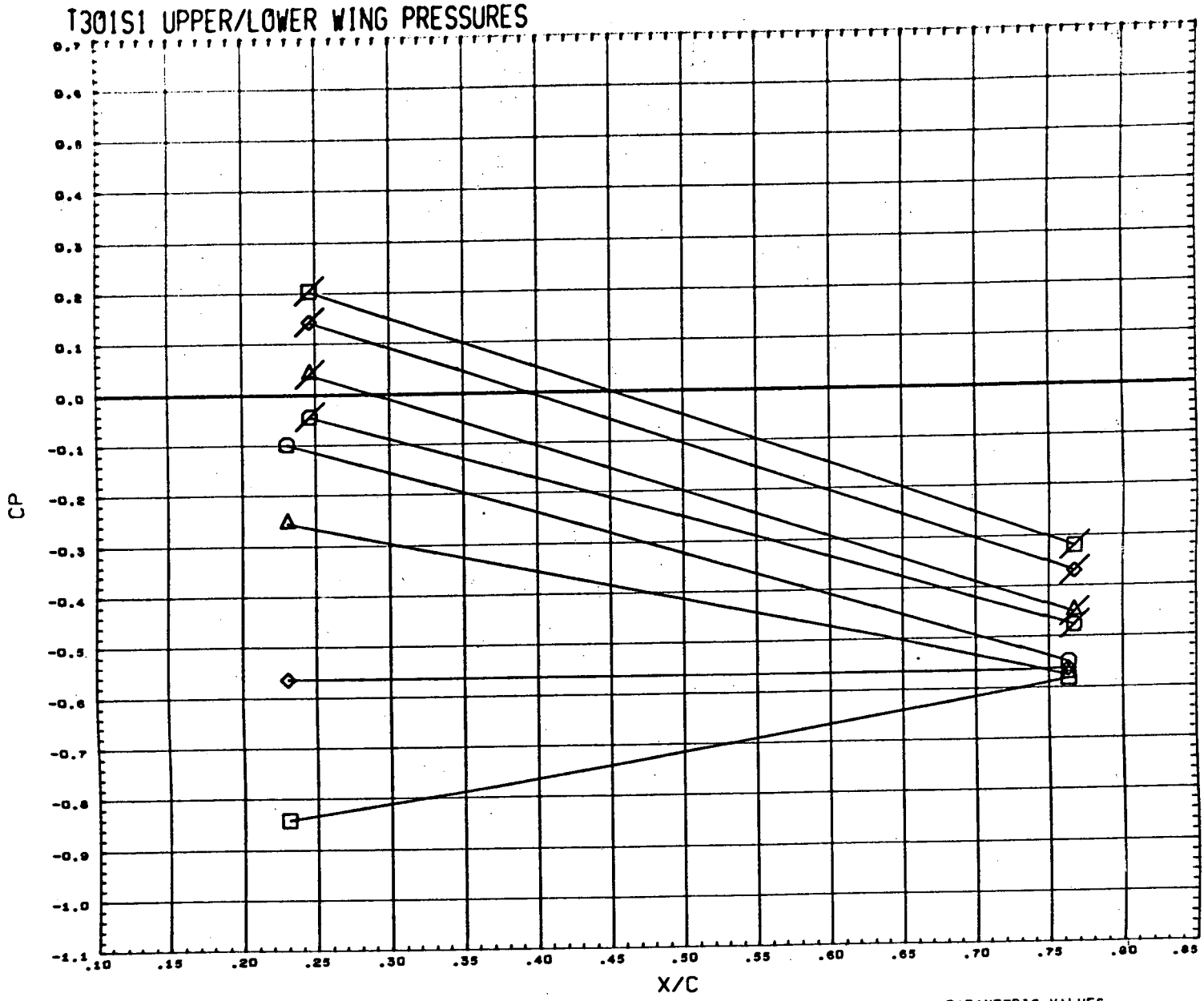
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	0.997
△	4.000		
◇	6.000		
□	8.000		

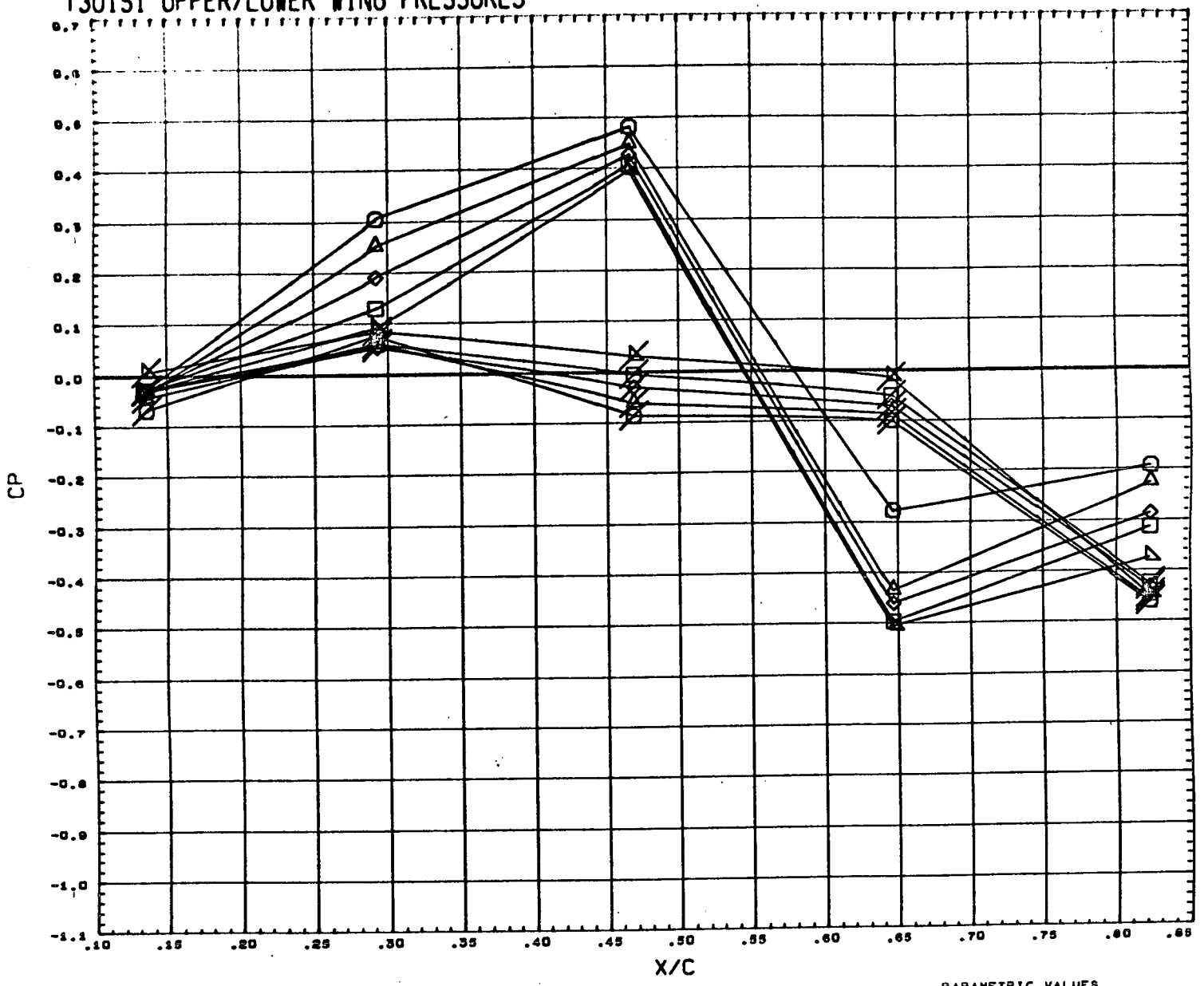
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.097
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

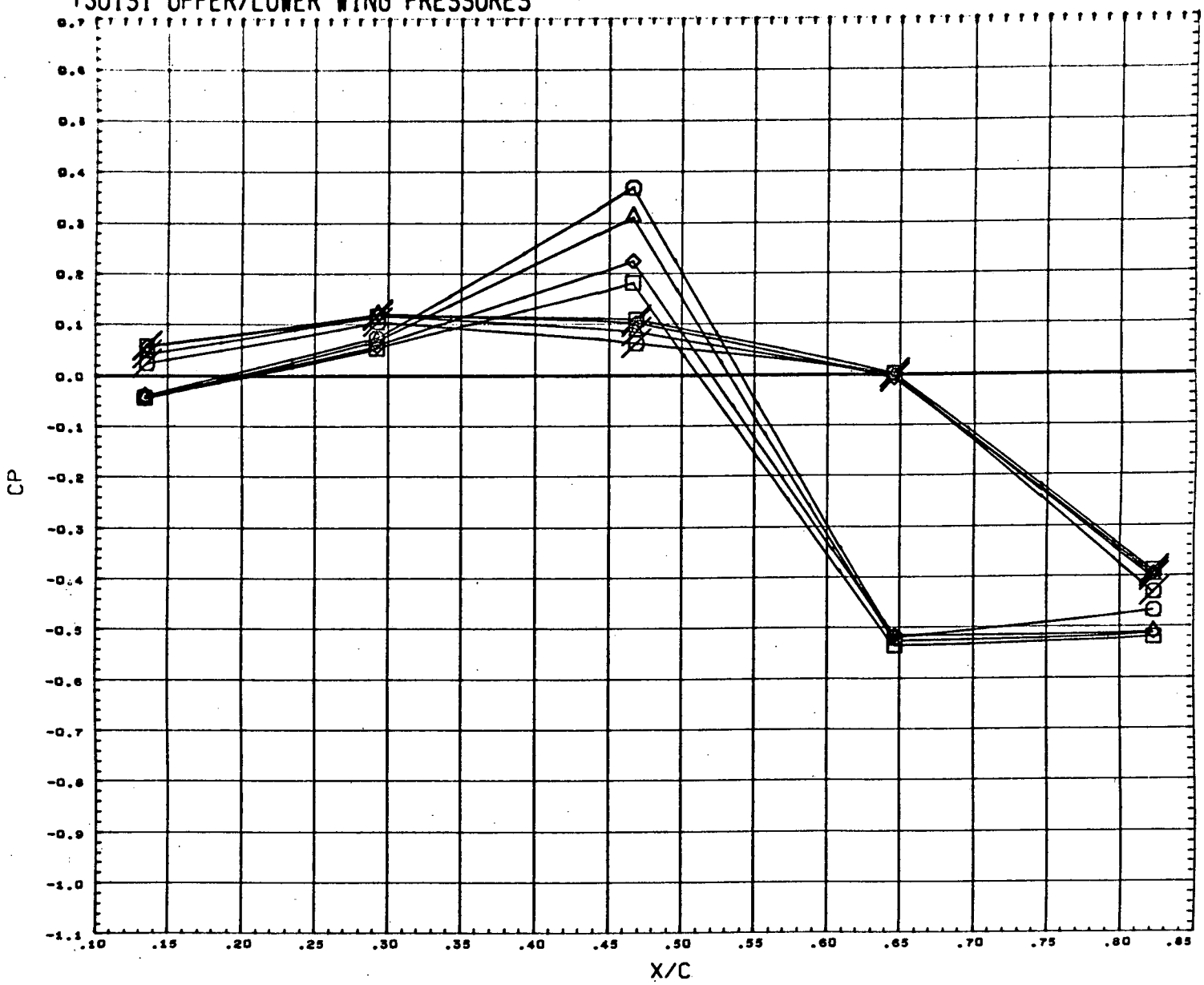
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



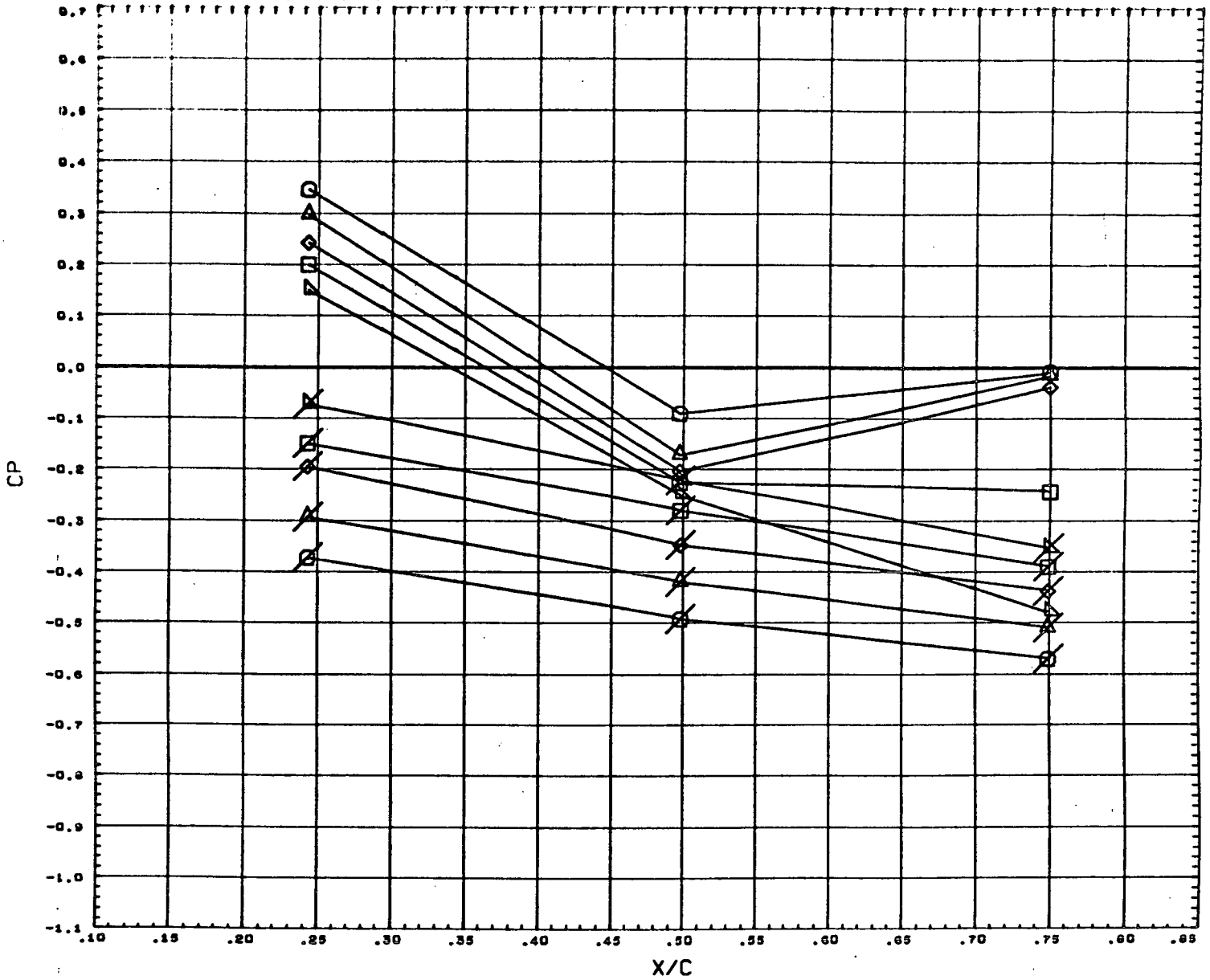
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.097
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.097
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

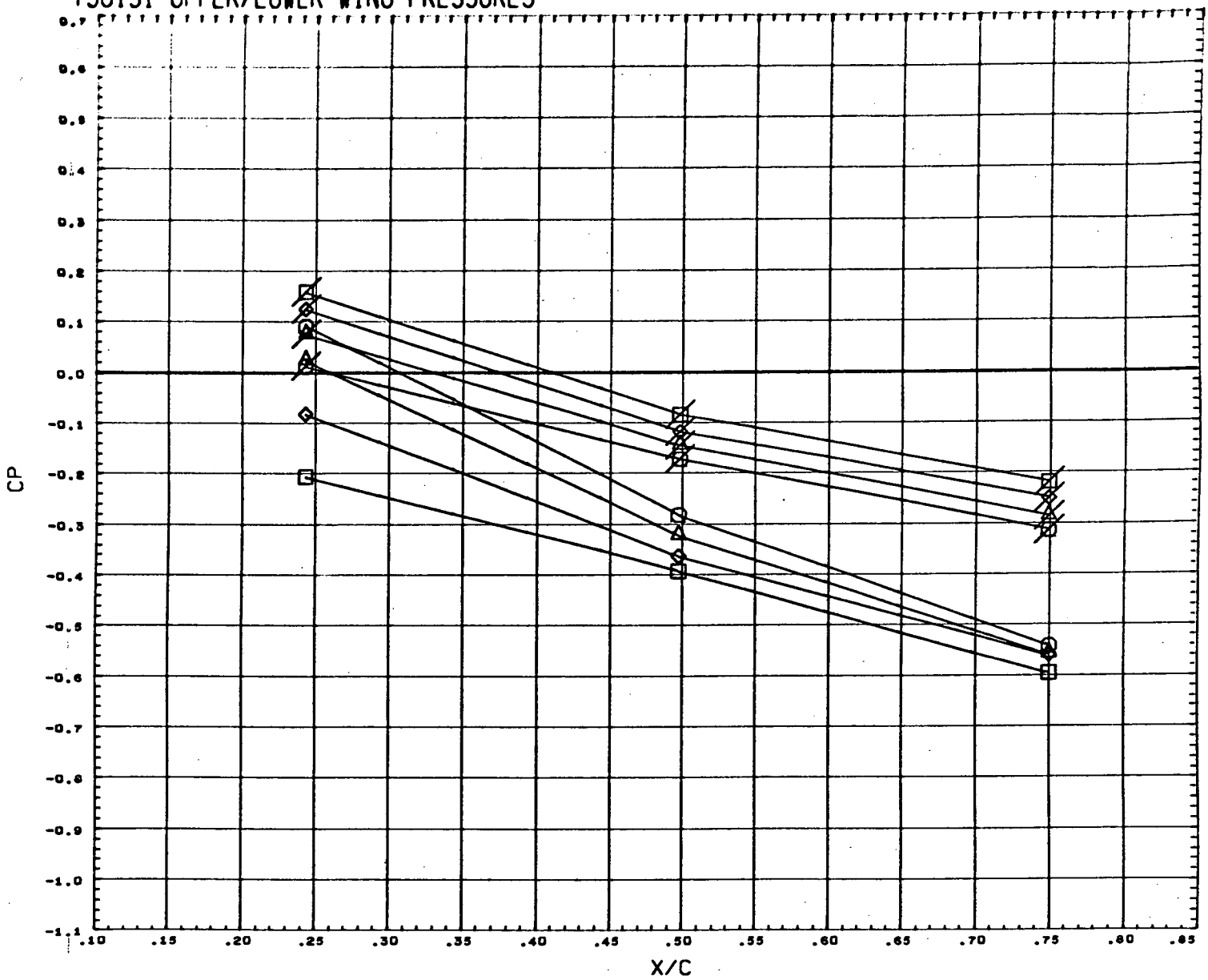
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.097
△	4.000		
◇	6.000		
□	8.000		

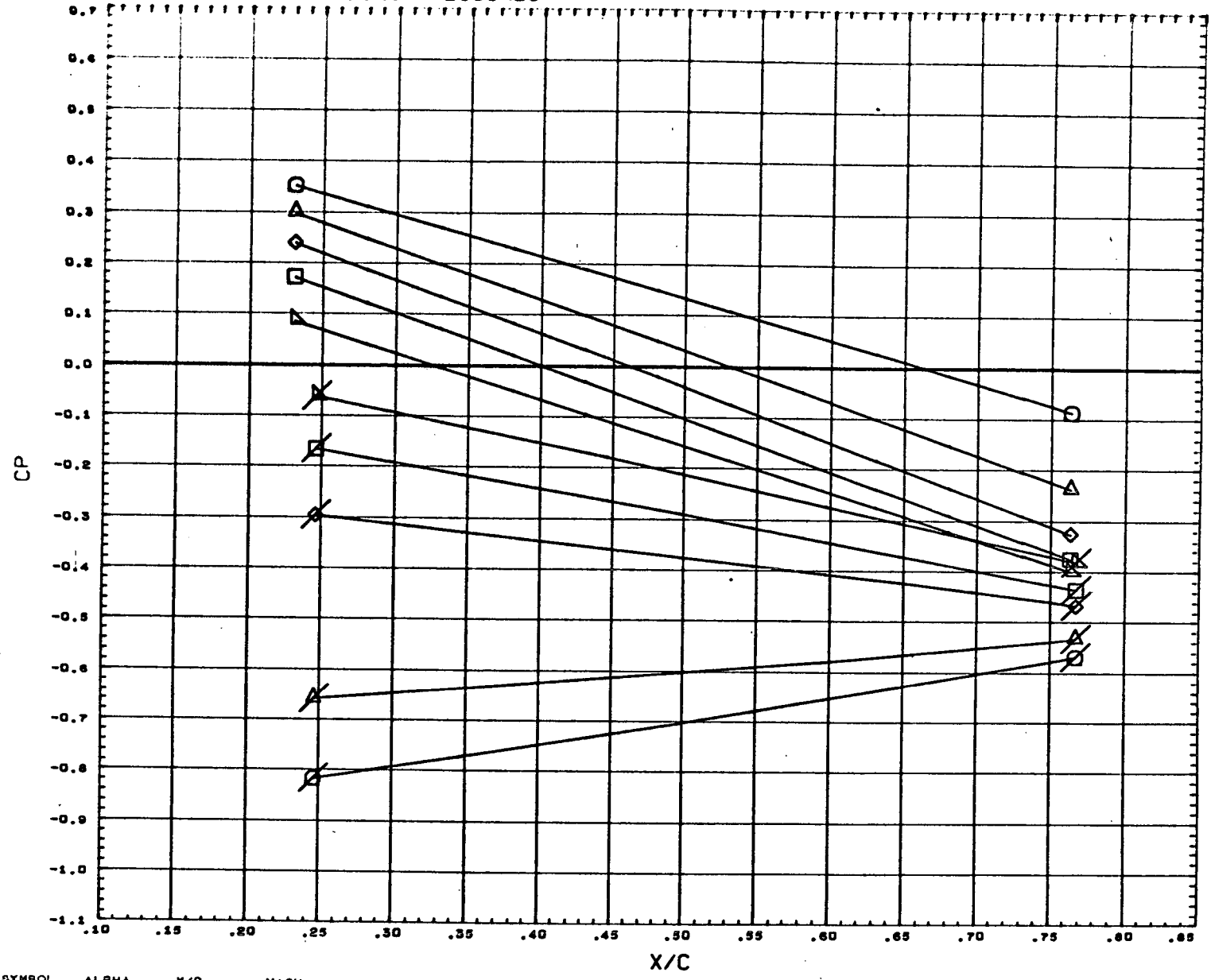
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



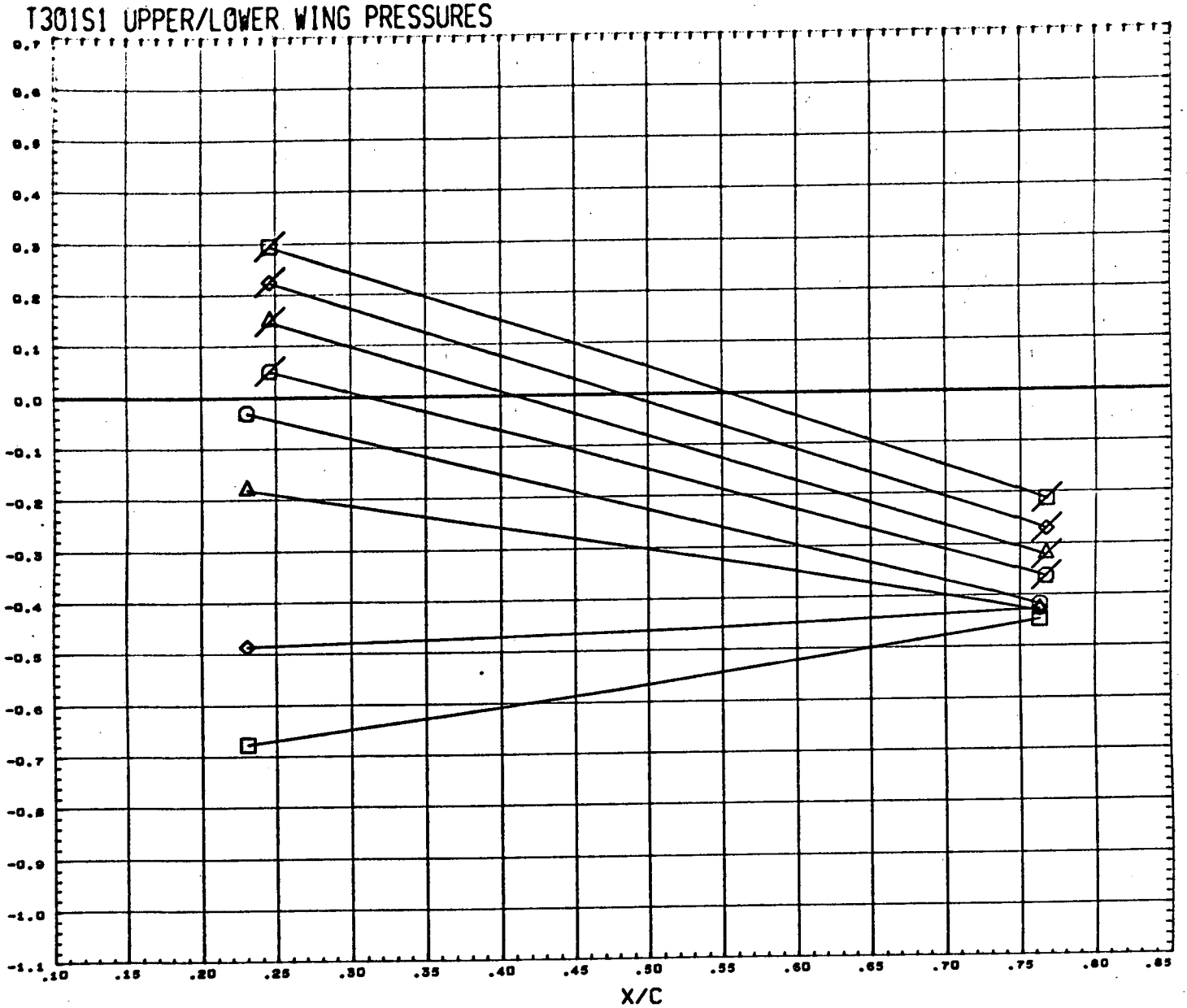
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.645	1.097
△	6.000		
◇	4.000		
□	2.000		
↖	0.000		

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500
PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.097
△	4.000		
◇	6.000		
□	8.000		

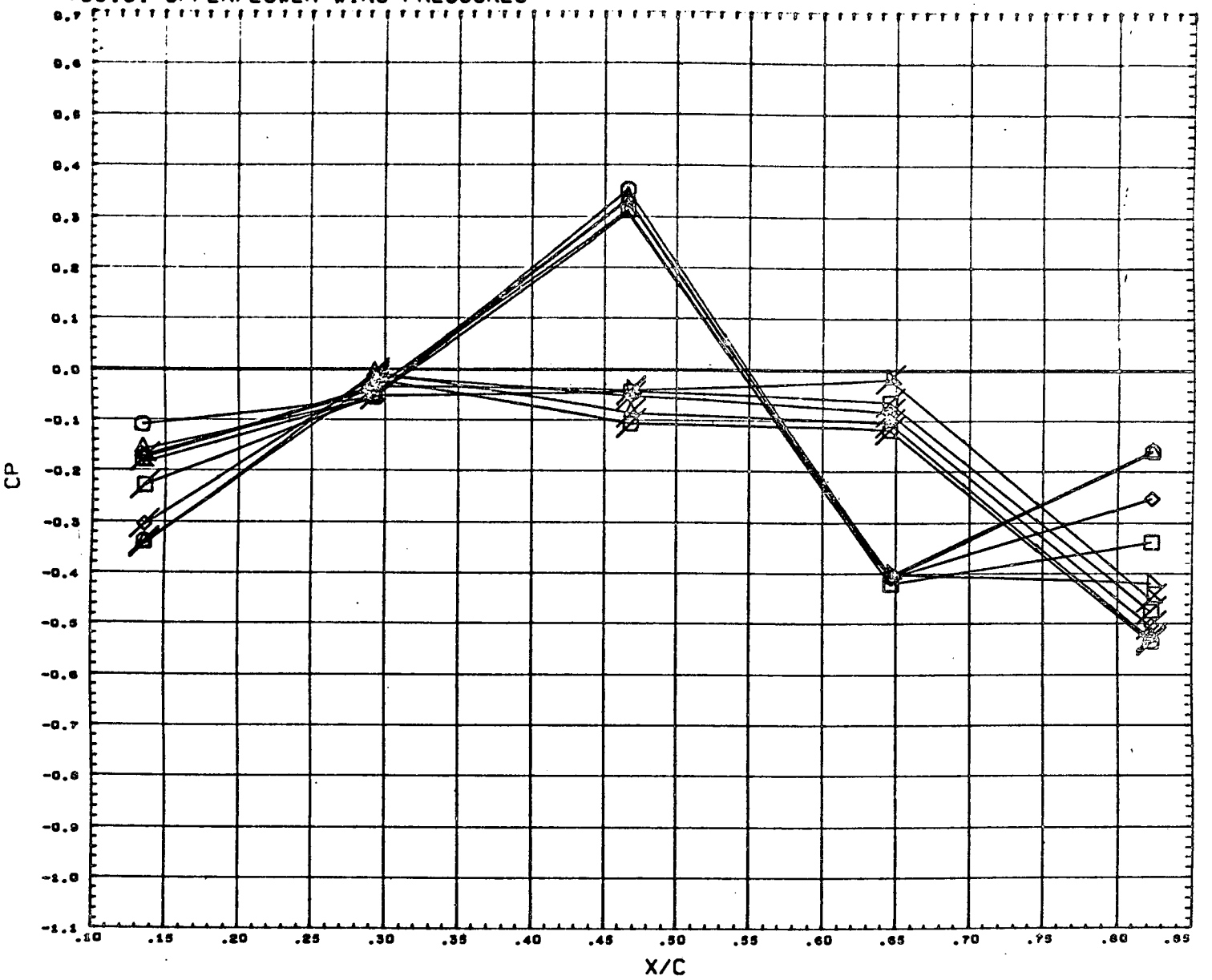
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.199
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

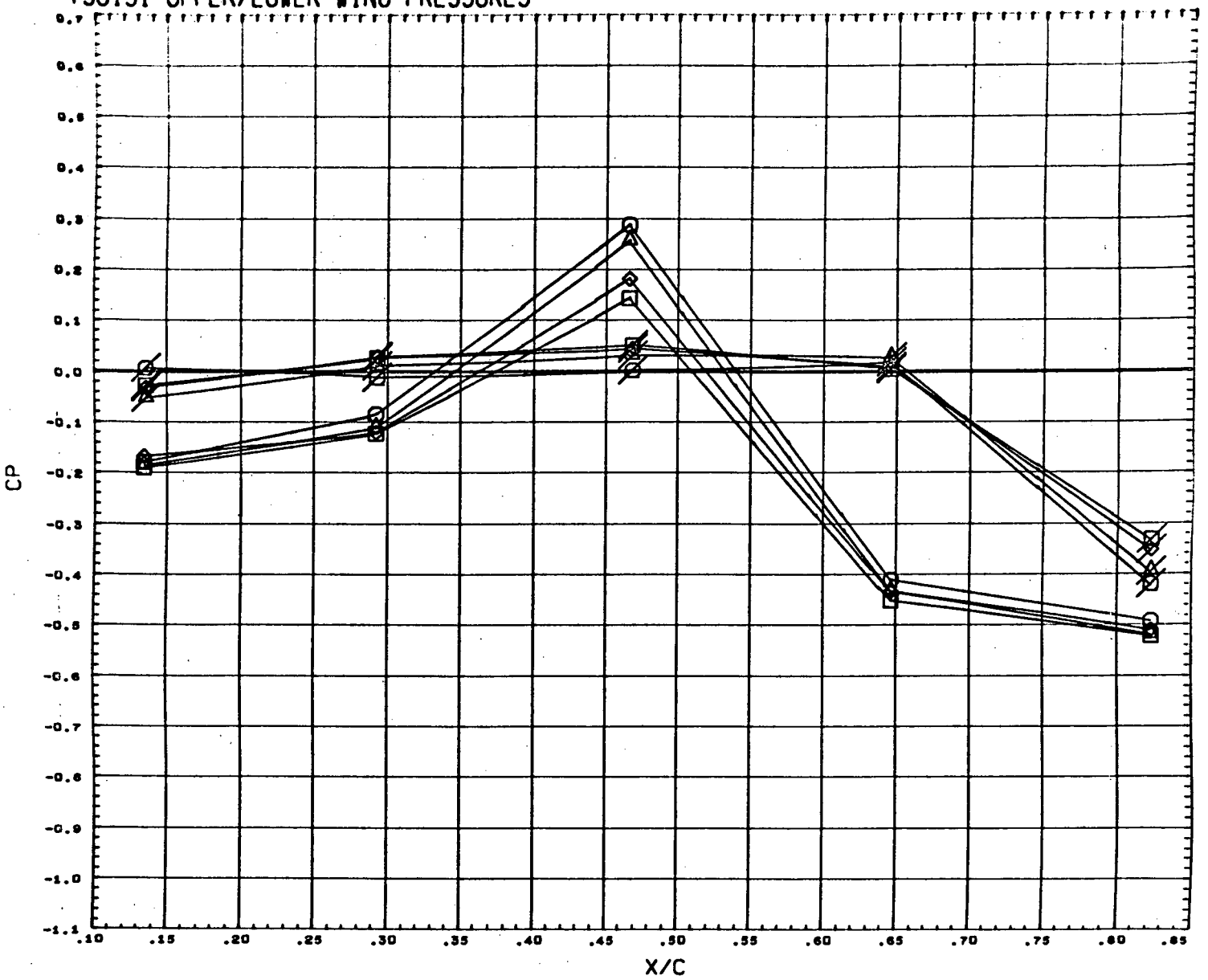
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.199
△	4.000		
◇	6.000		
□	8.000		

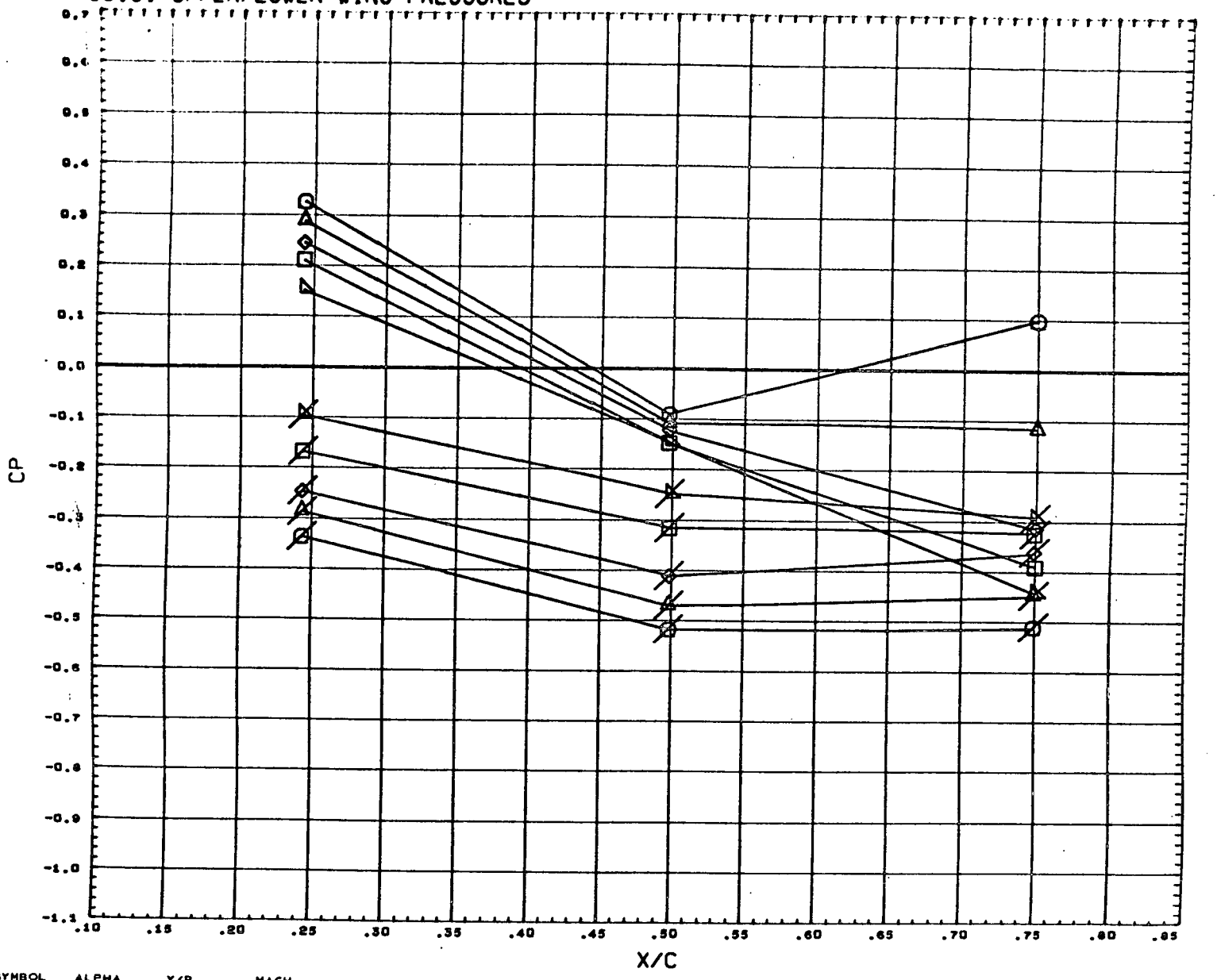
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C?3001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.199
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

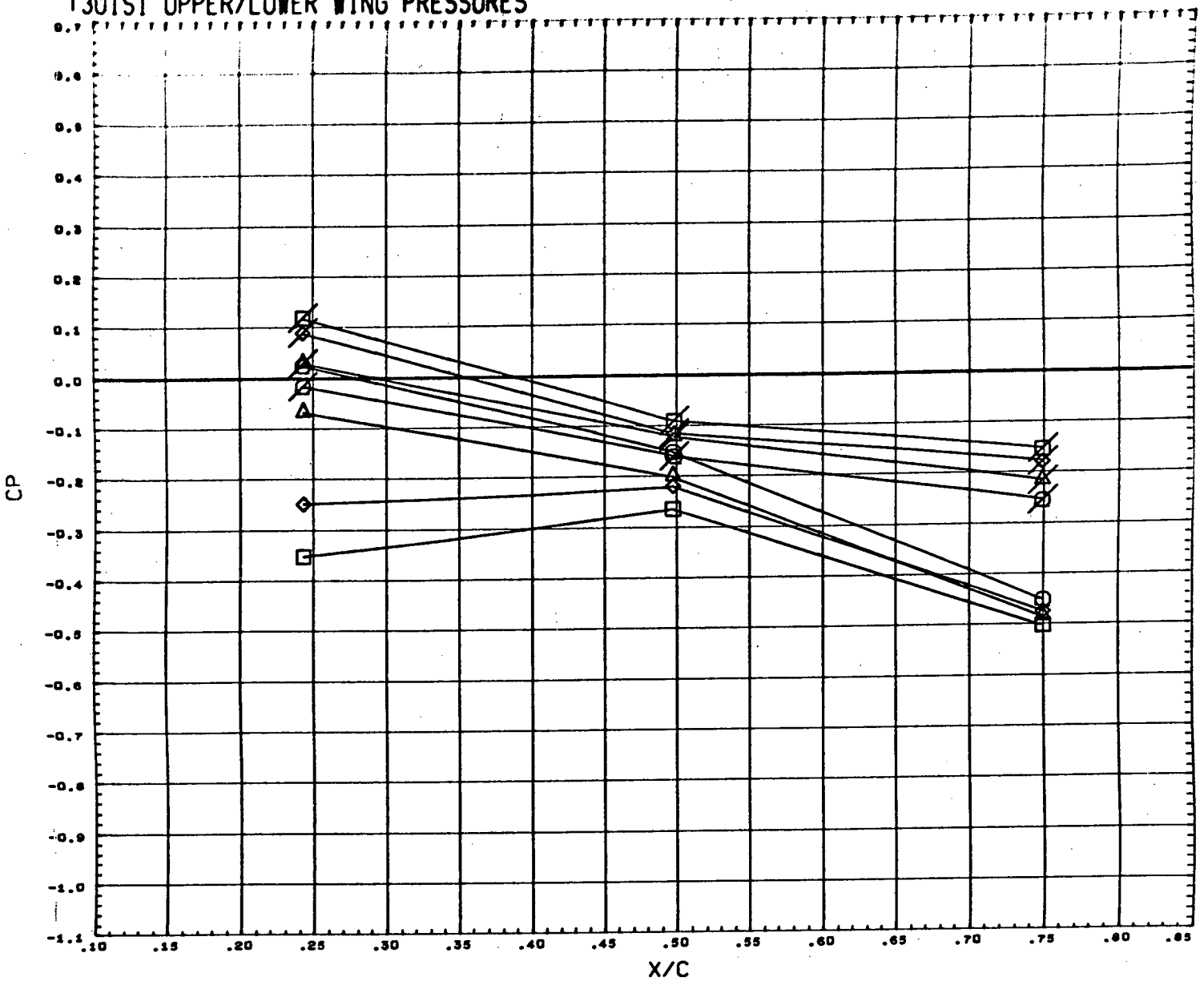
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.199
△	4.000		
◇	6.000		
□	8.000		

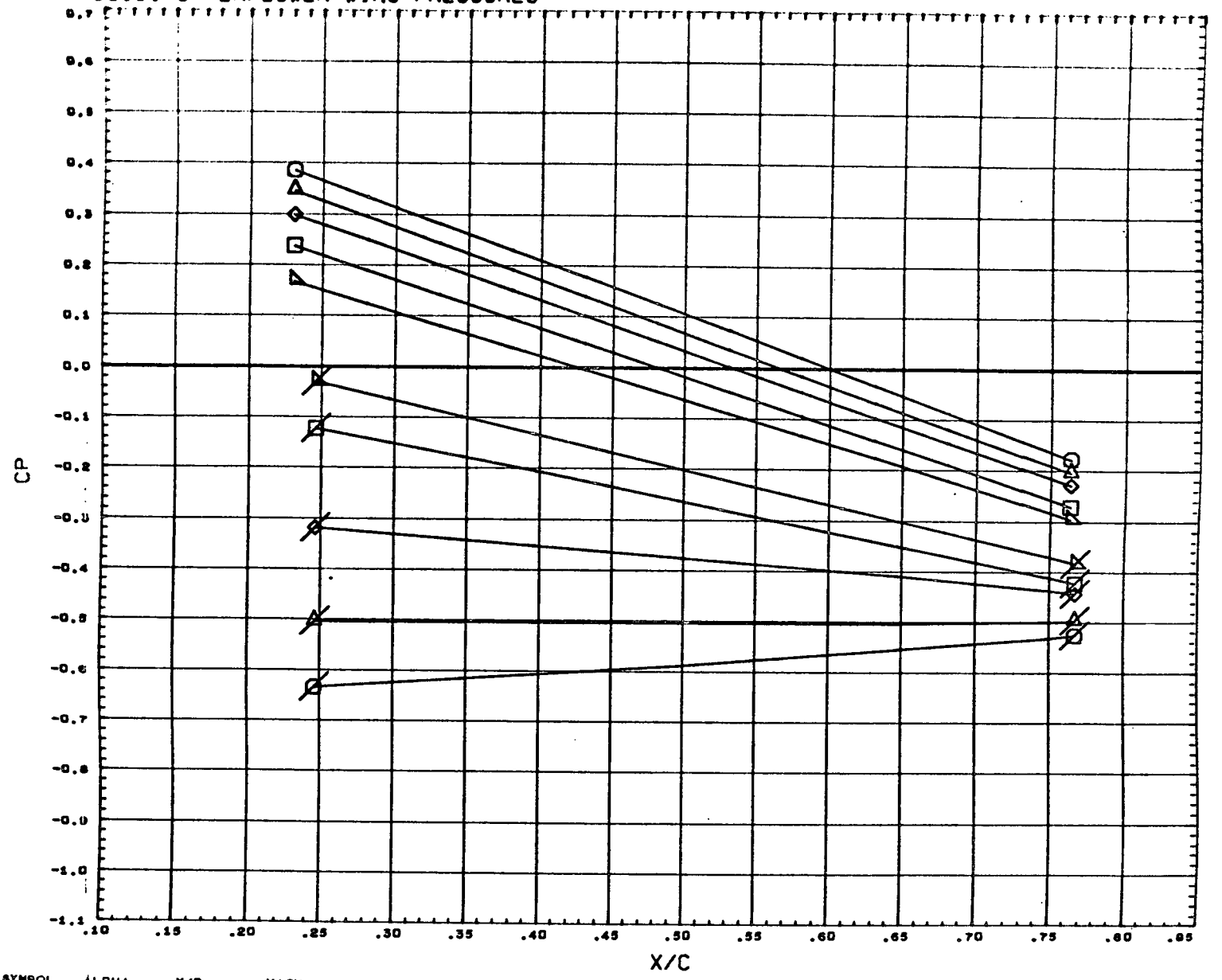
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

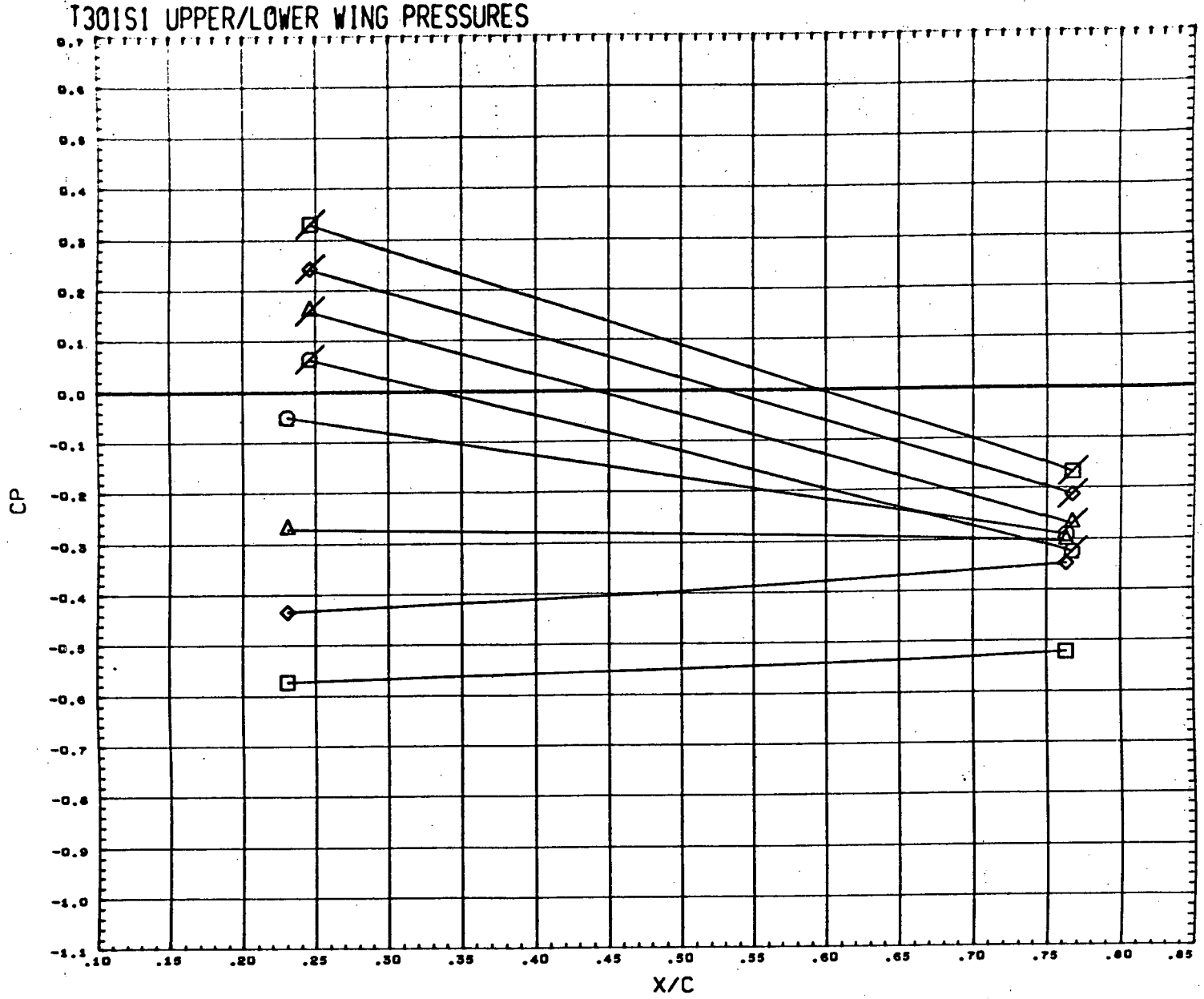
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.199
△	4.000		
◇	6.000		
□	8.000		

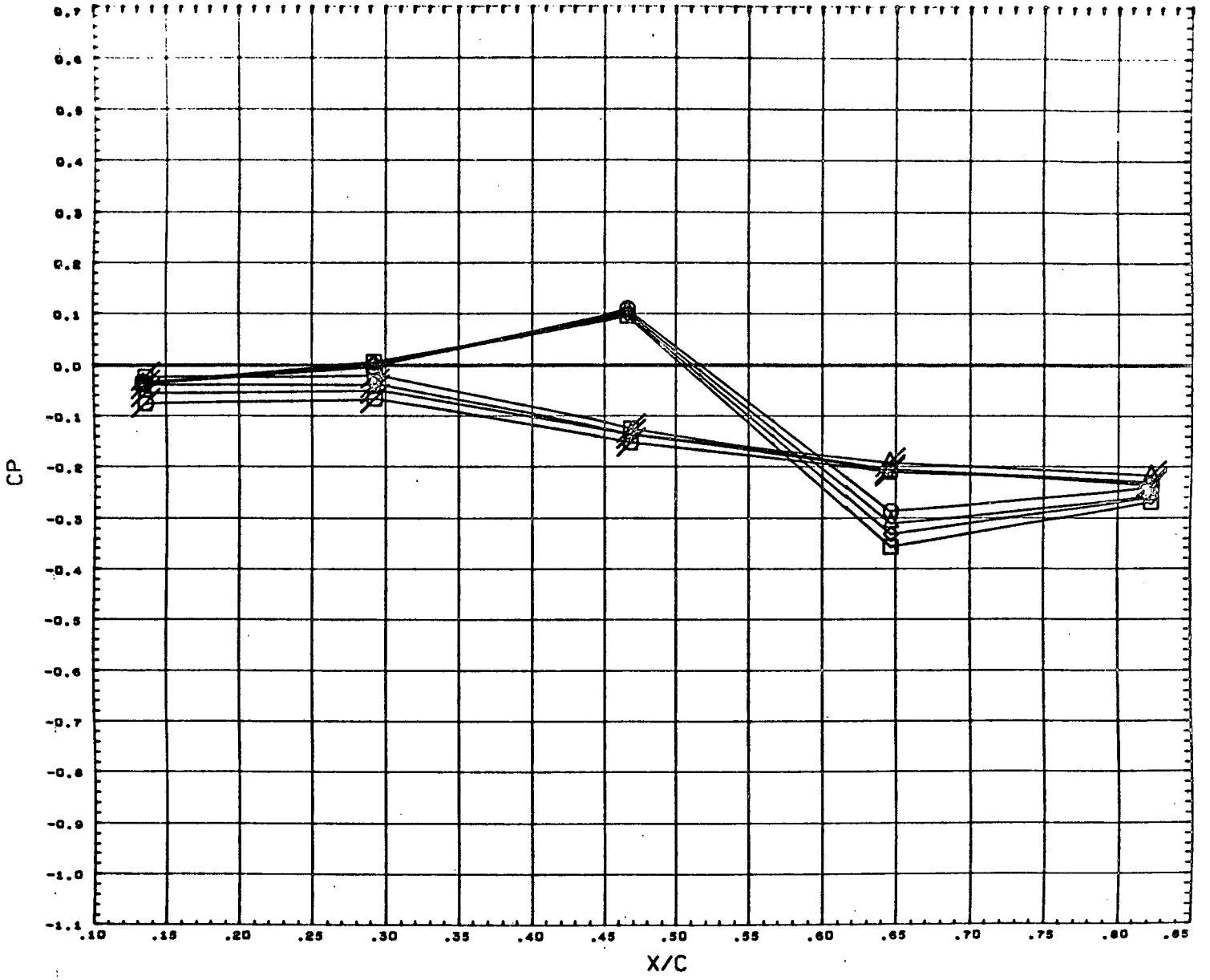
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873001)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73001)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.595
△	- 4.000		
◇	- 2.000		
□	0.000		

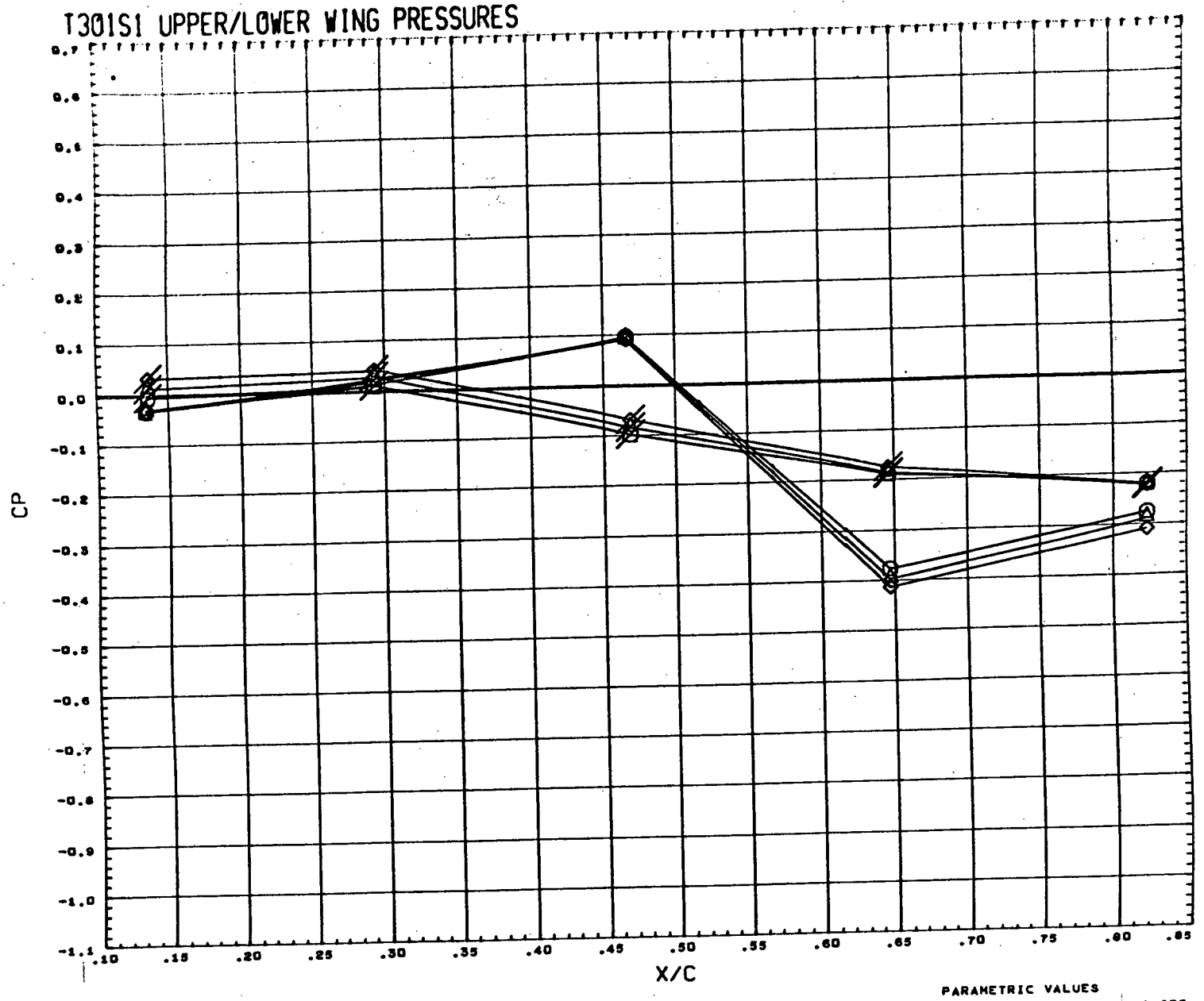
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.595
△	4.000		
◇	6.000		

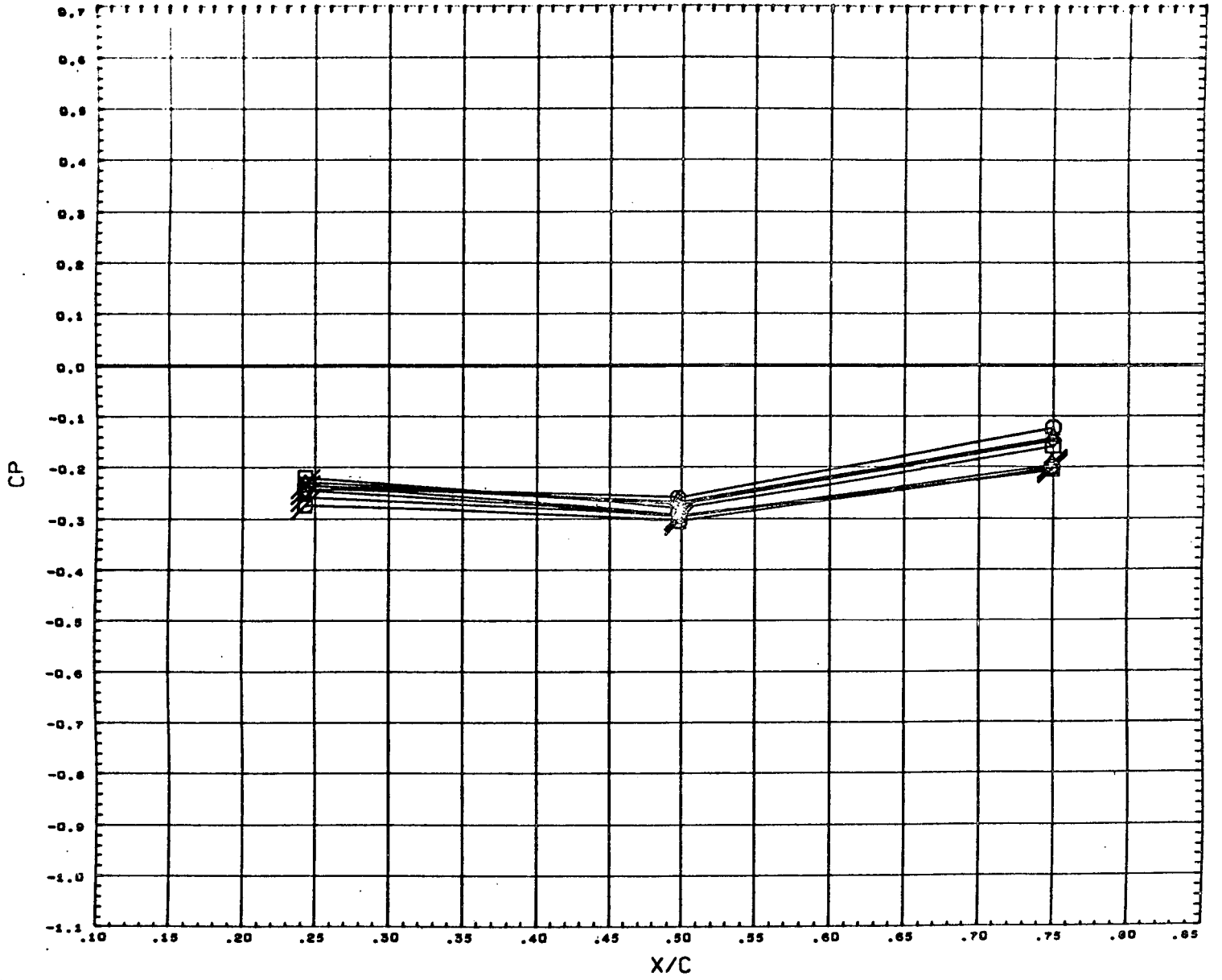
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.595
△	- 4.000		
◇	- 2.000		
□	0.000		

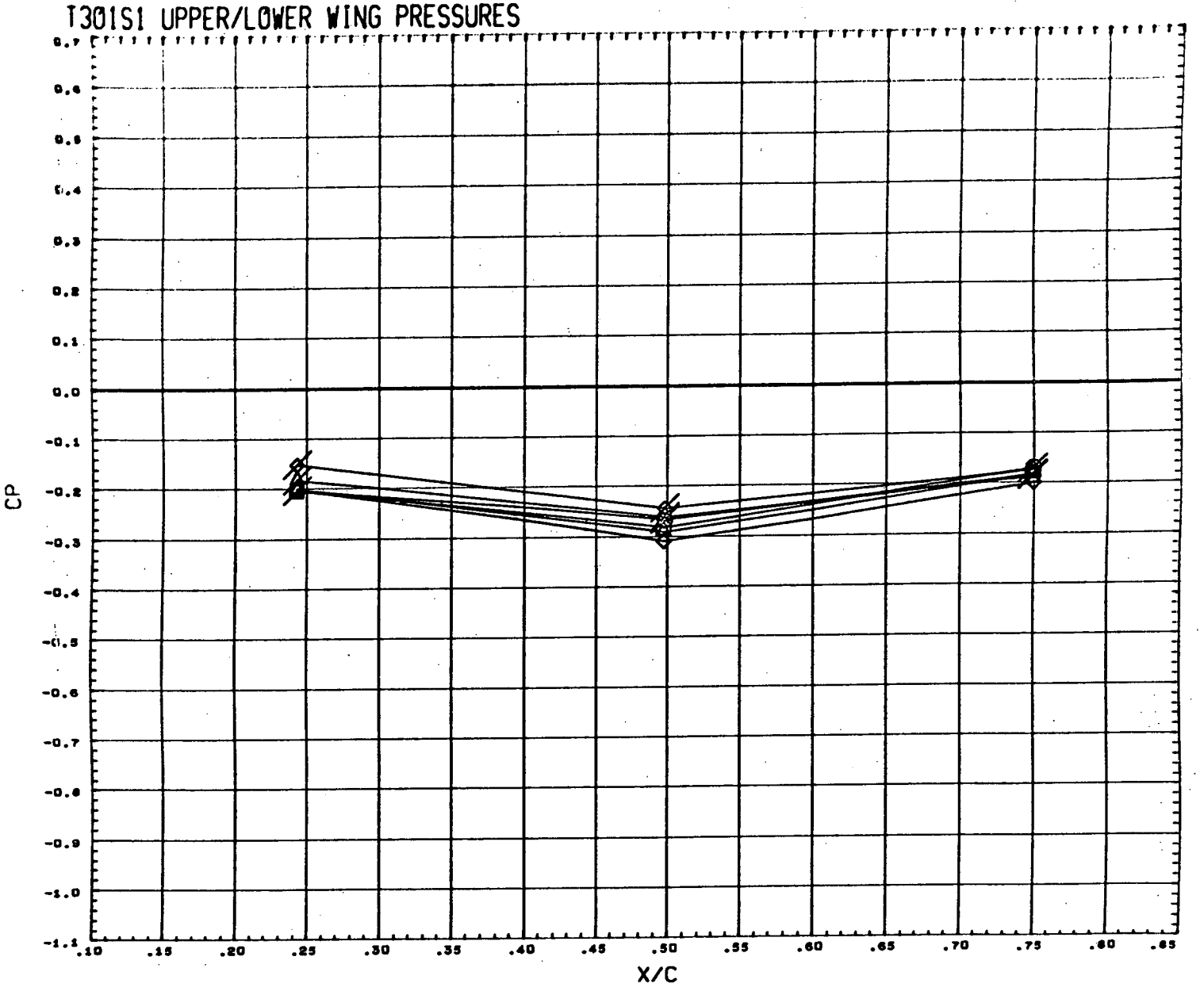
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.595
△	4.000		
◇	6.000		

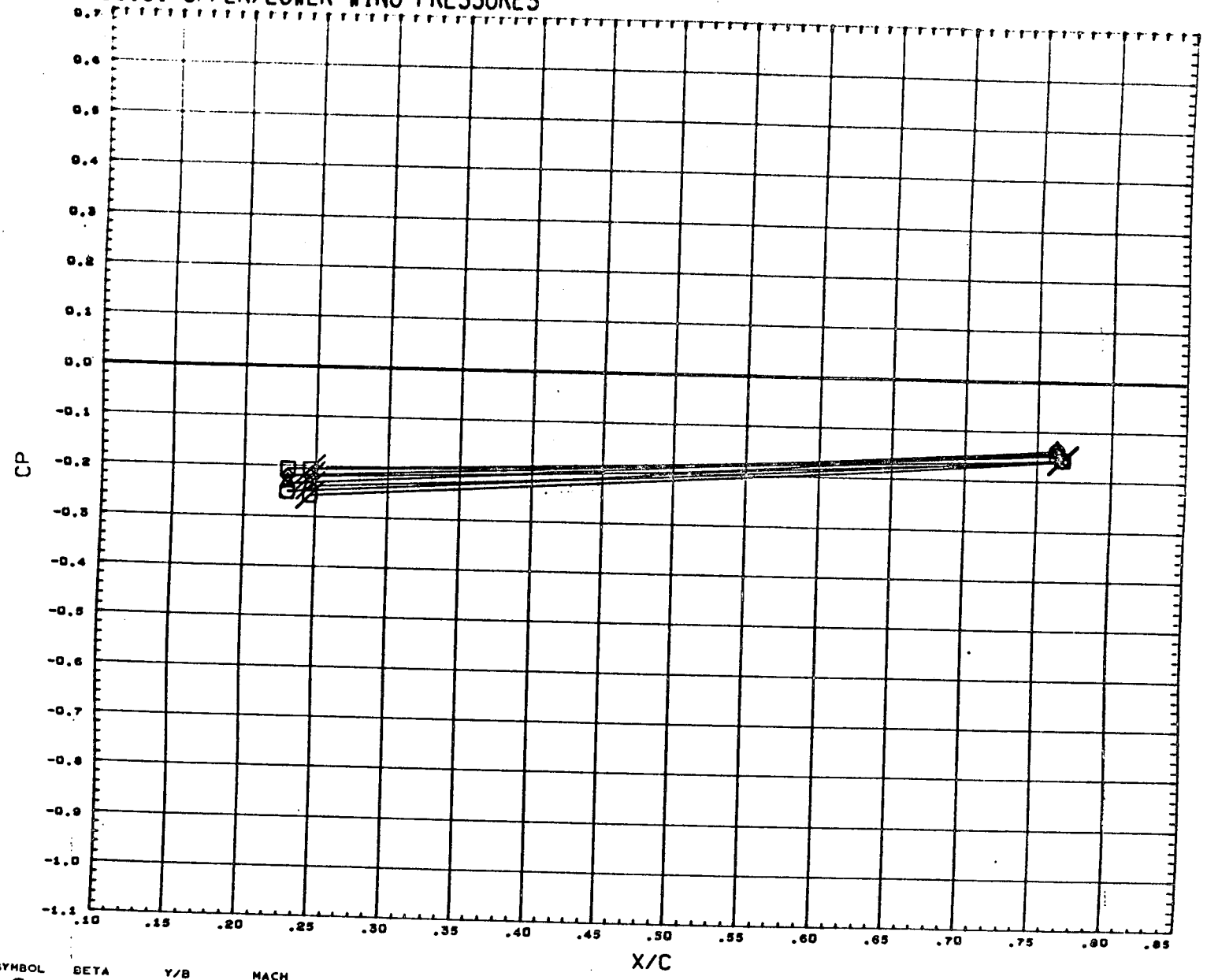
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.595
△	- 4.000		
◇	- 2.000		
□	0.000		

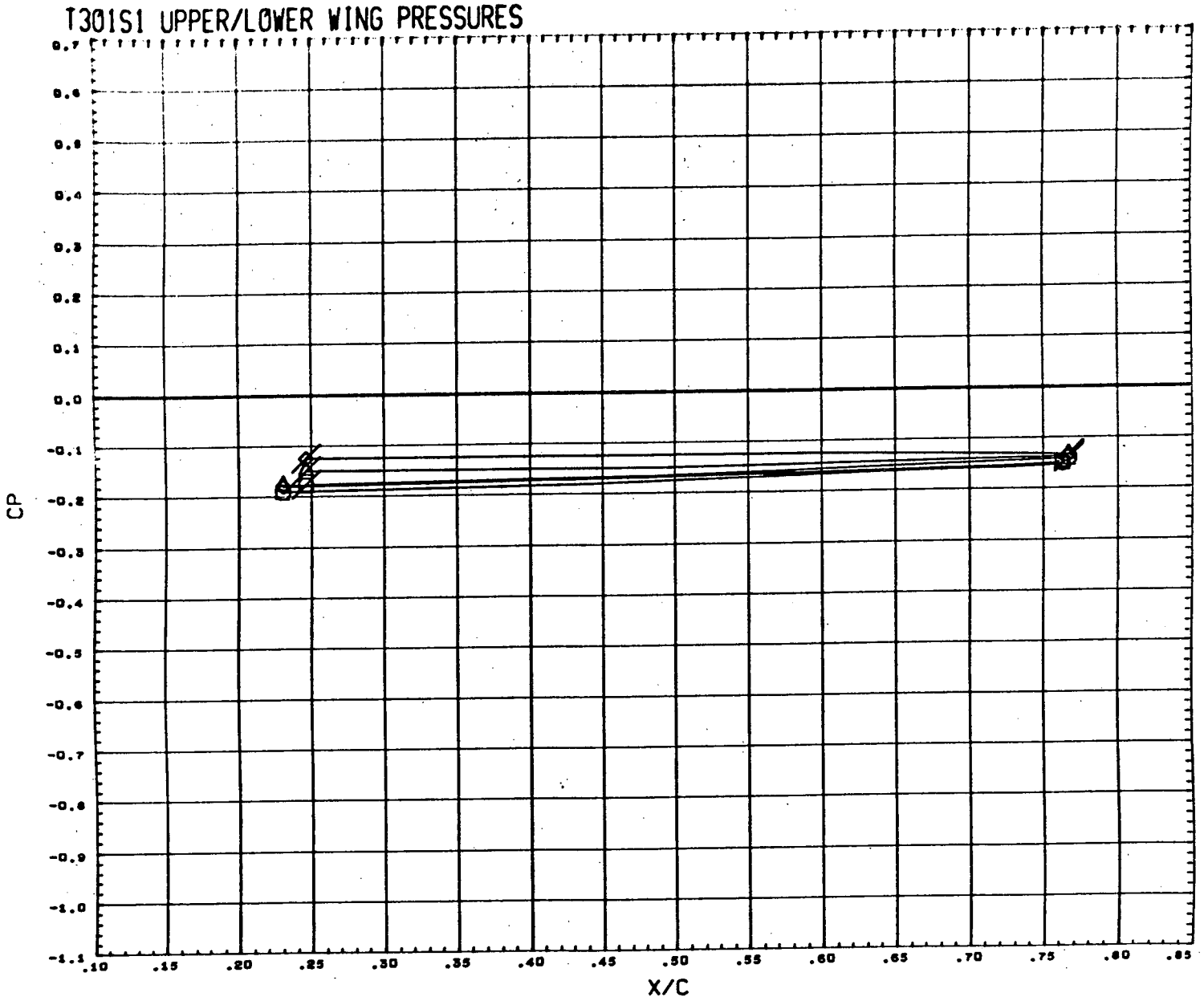
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



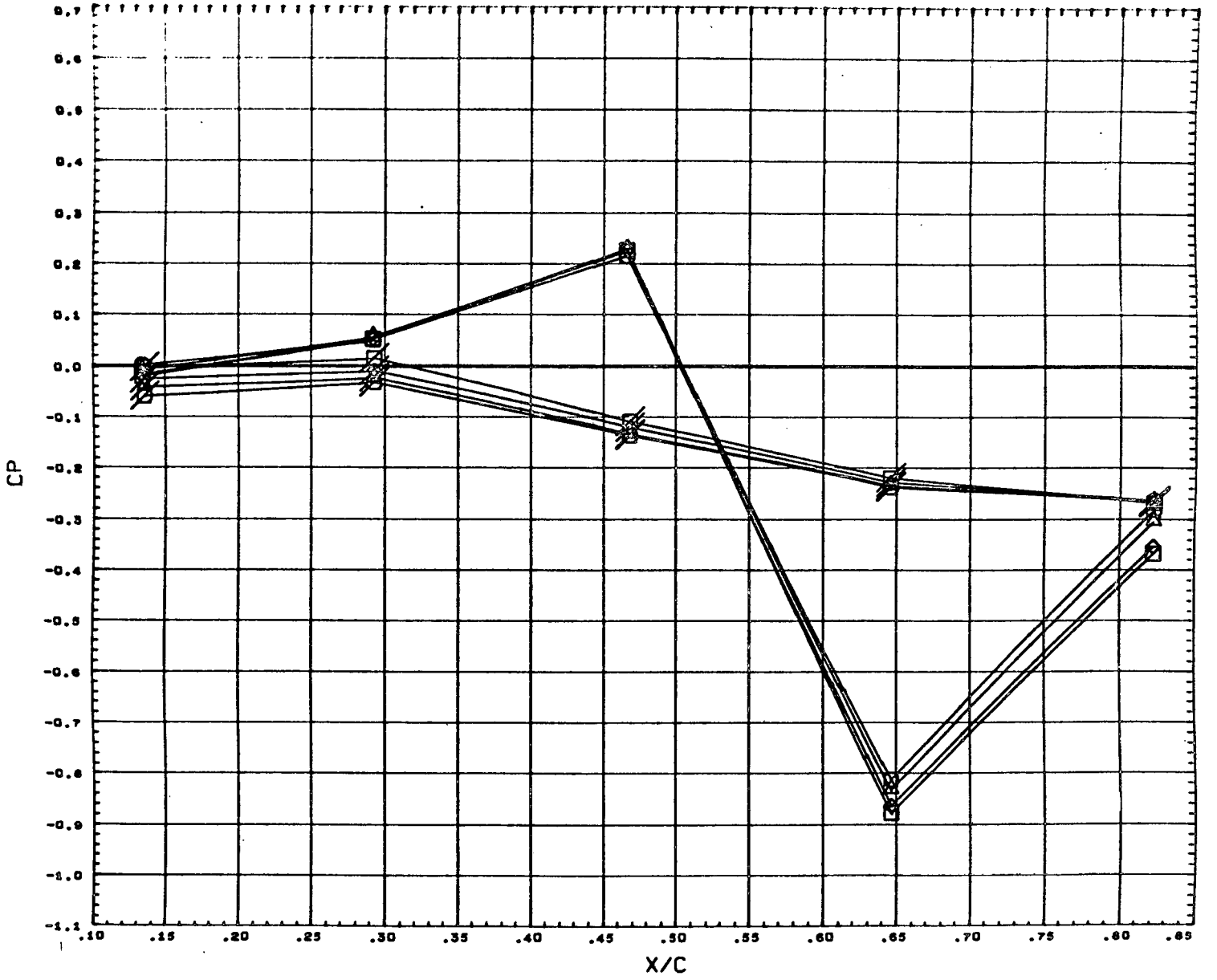
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.595
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500
PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



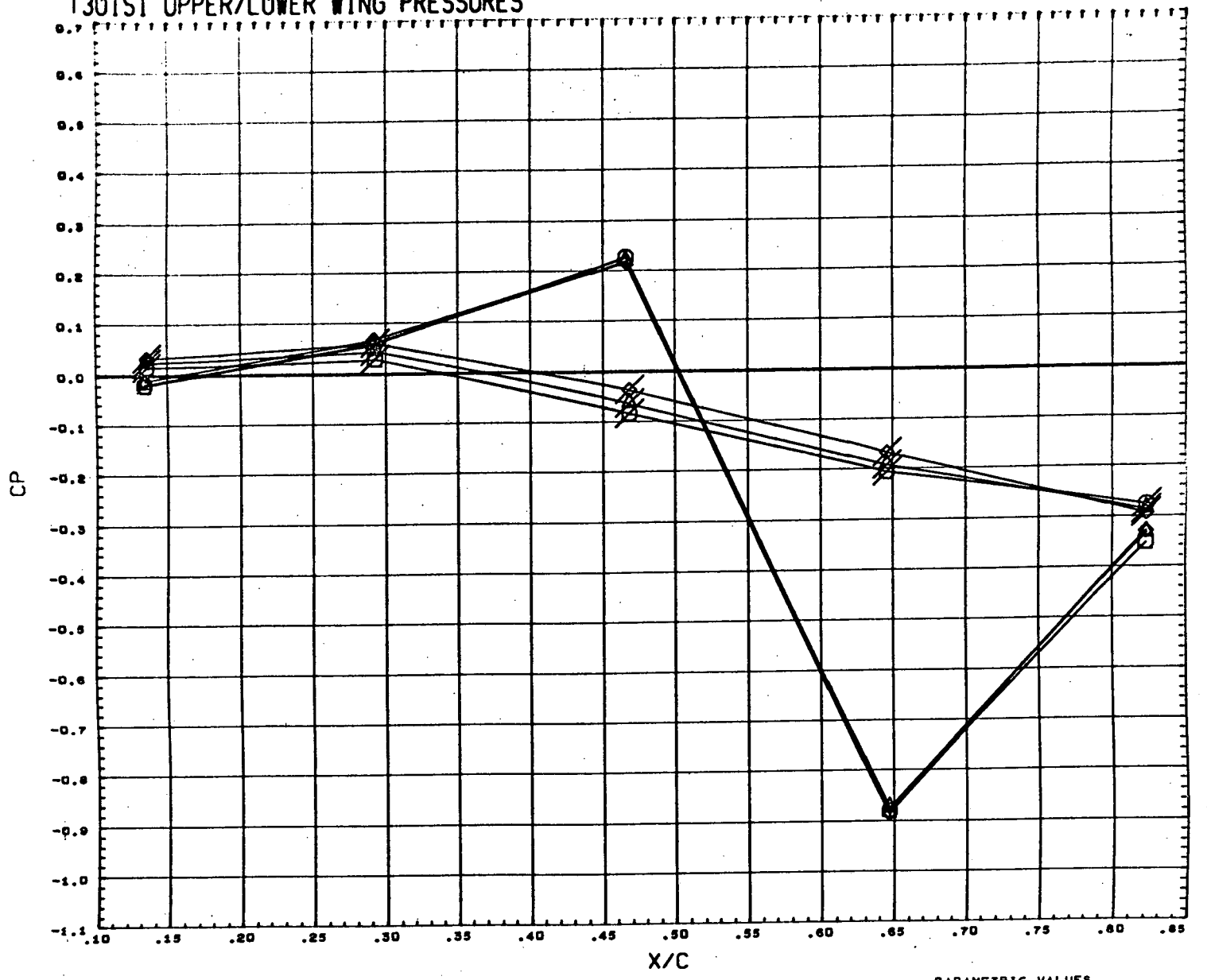
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.901
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.901
△	4.000		
◇	6.000		

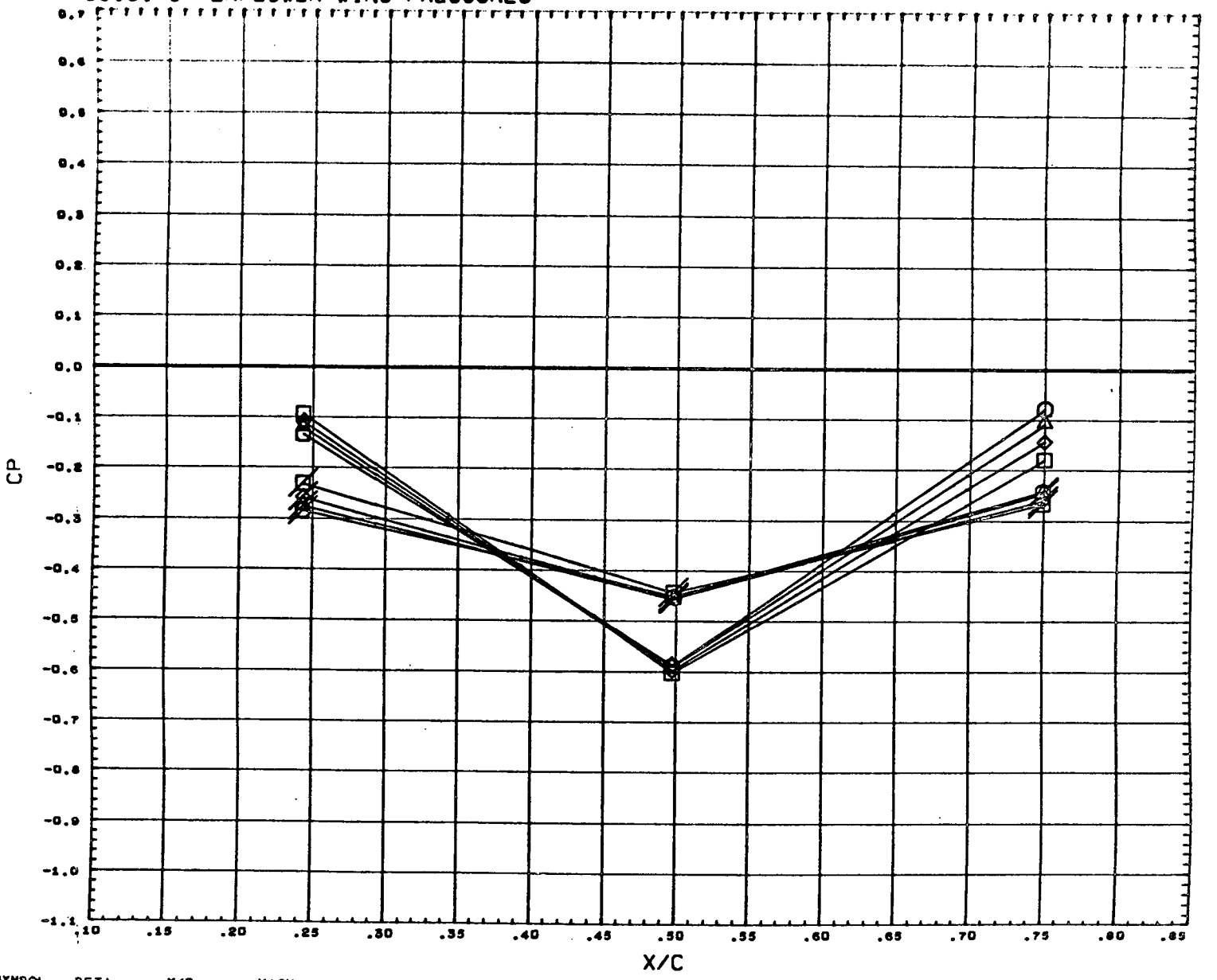
PARAMETRIC VALUES

ALPHA 0.000 ORBINC = 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.901
△	- 4.000		
◇	- 2.000		
□	0.000		

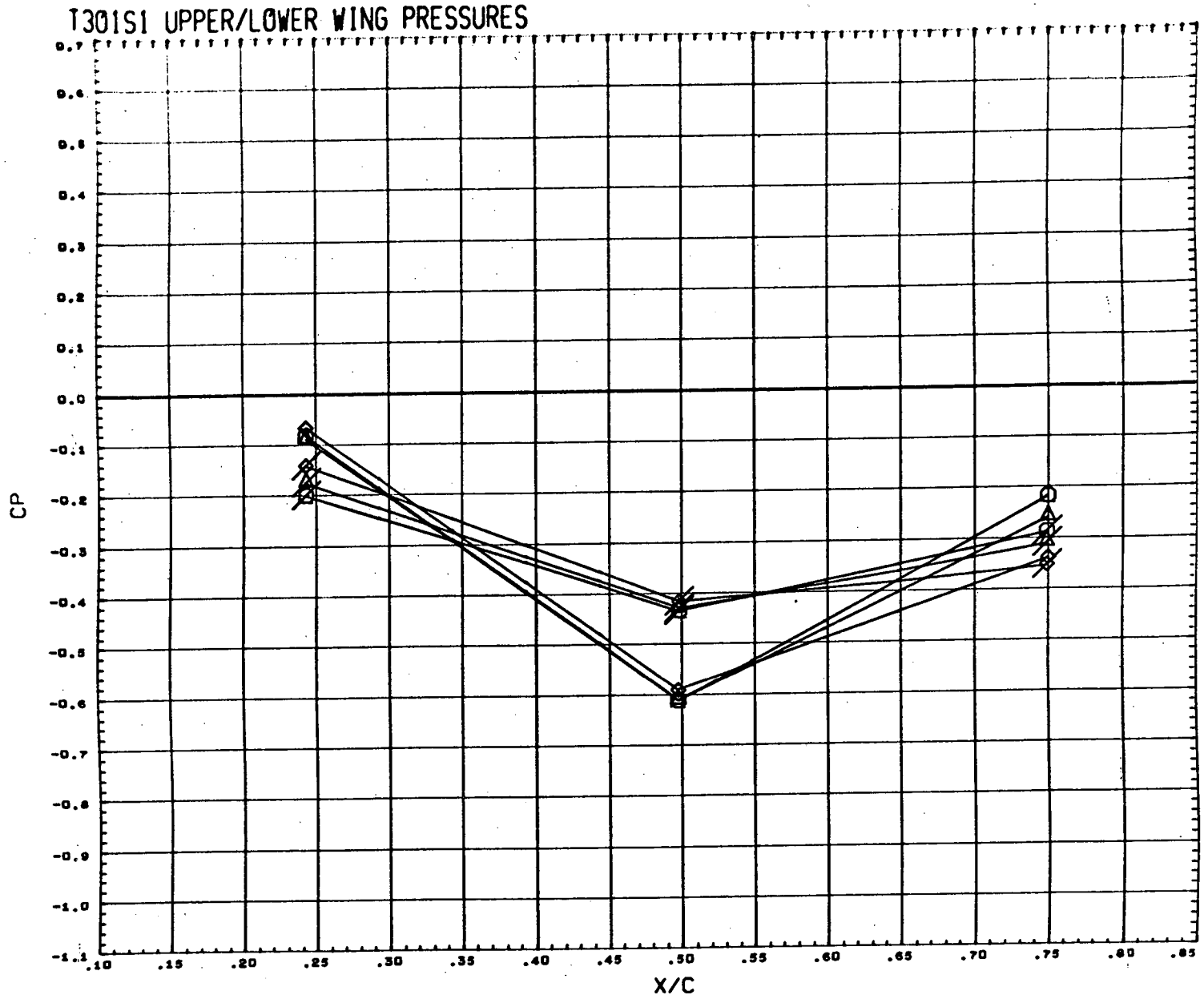
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.901
△	4.000		
◇	6.000		

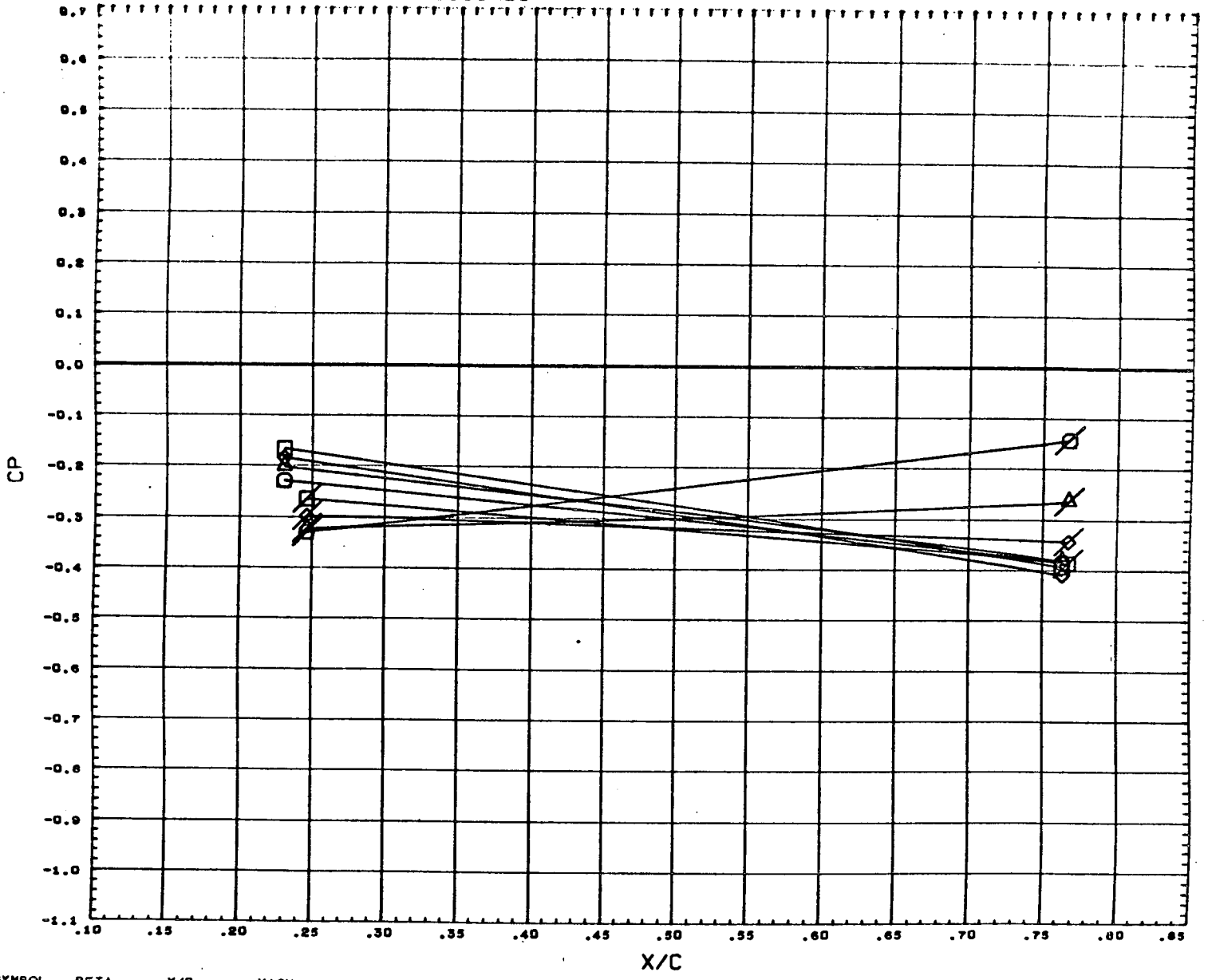
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



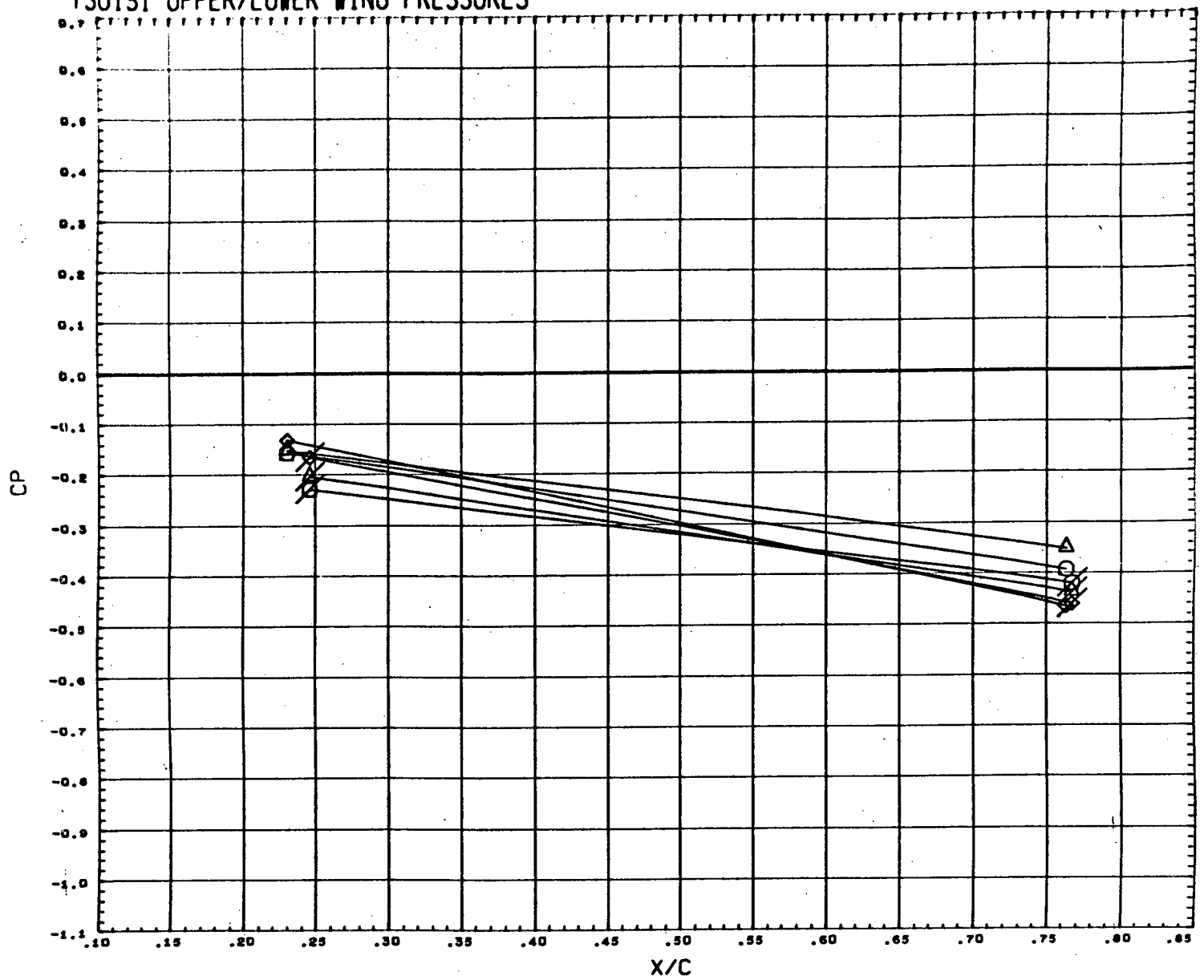
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.901
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.901
△	4.000		
◇	6.000		

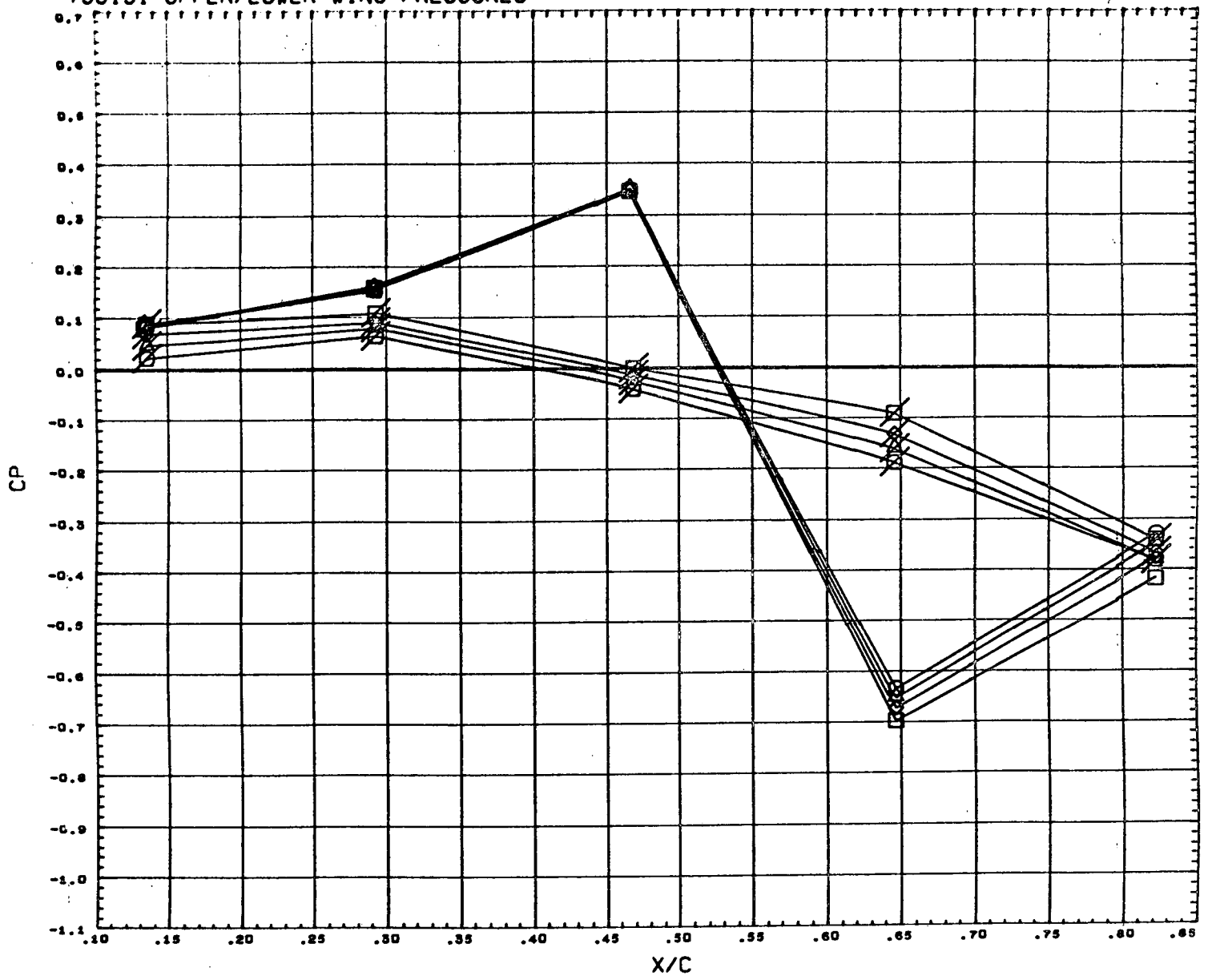
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.002
△	- 4.000		
◇	- 2.000		
□	0.000		

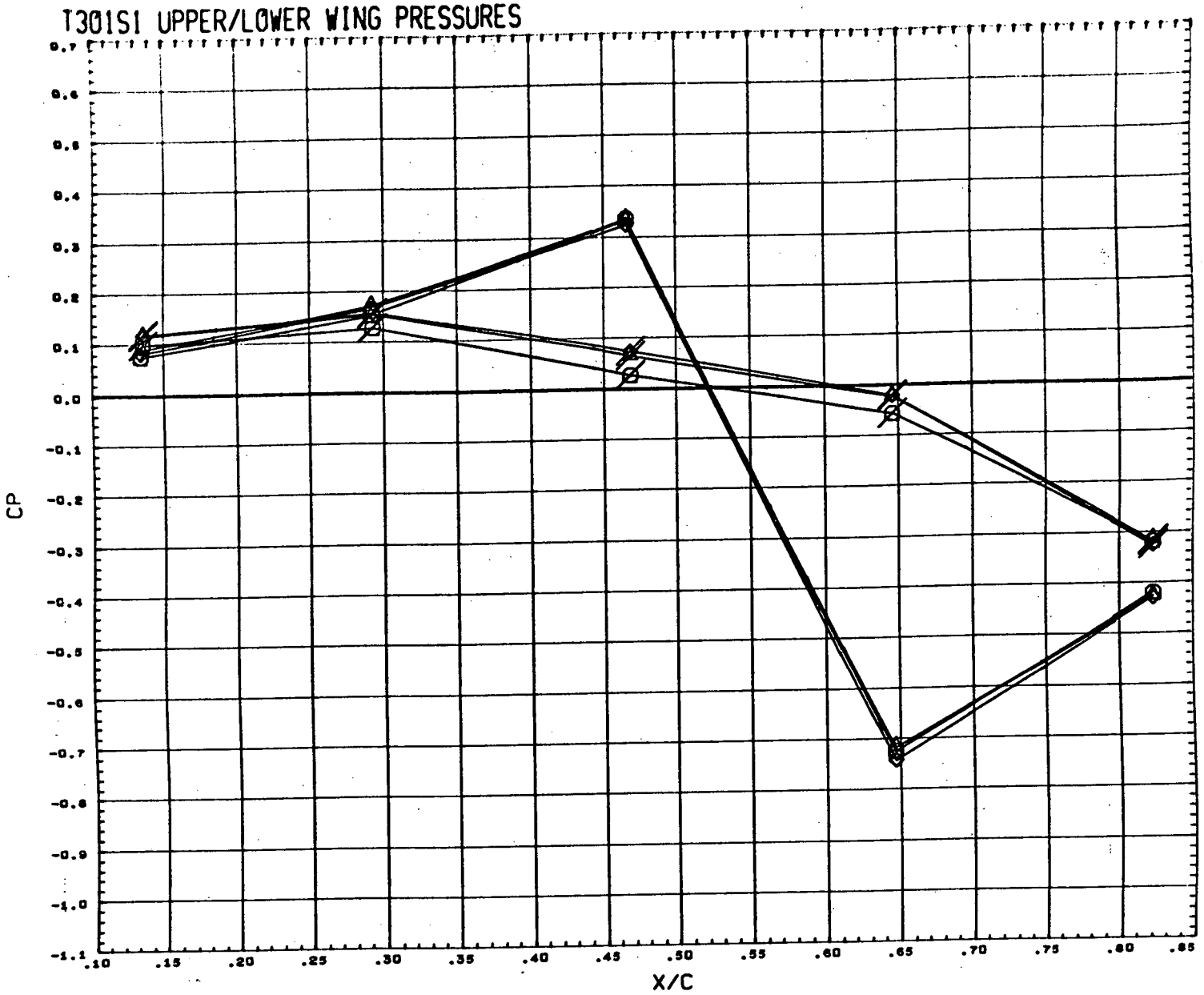
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.002
△	4.000		
◇	6.000		

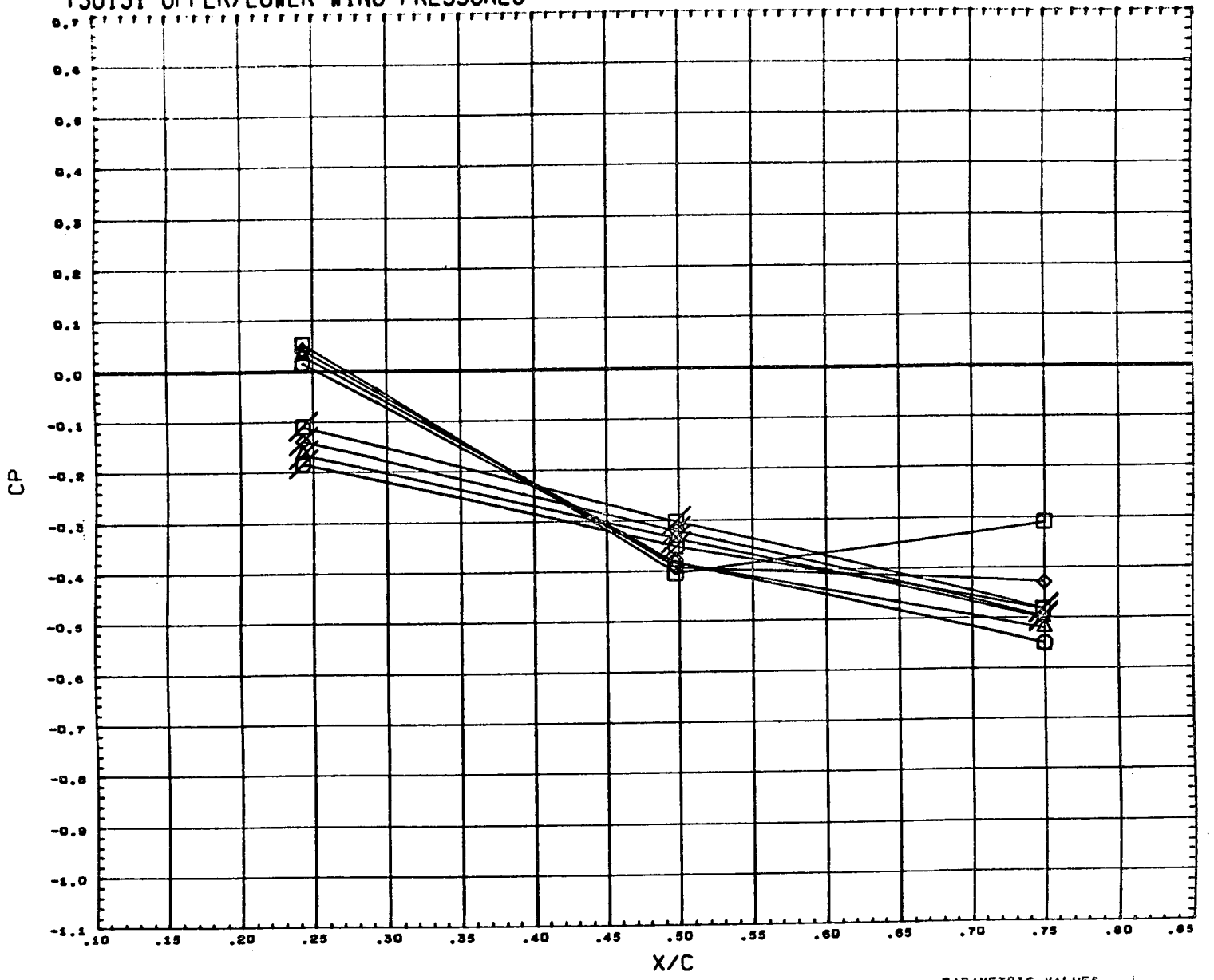
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.002
△	- 4.000		
◇	- 2.000		
□	0.000		

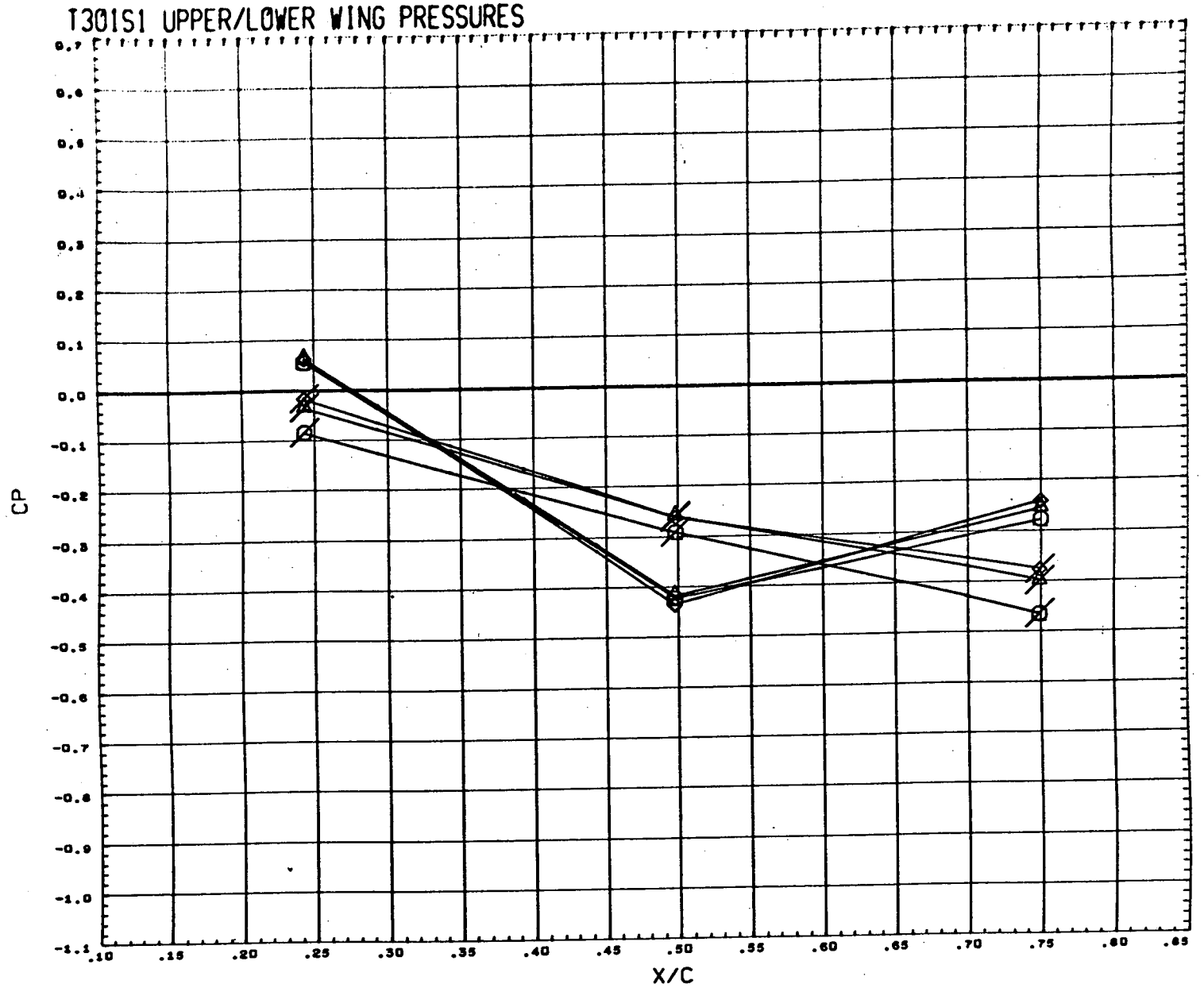
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.002
△	4.000		
◇	6.000		

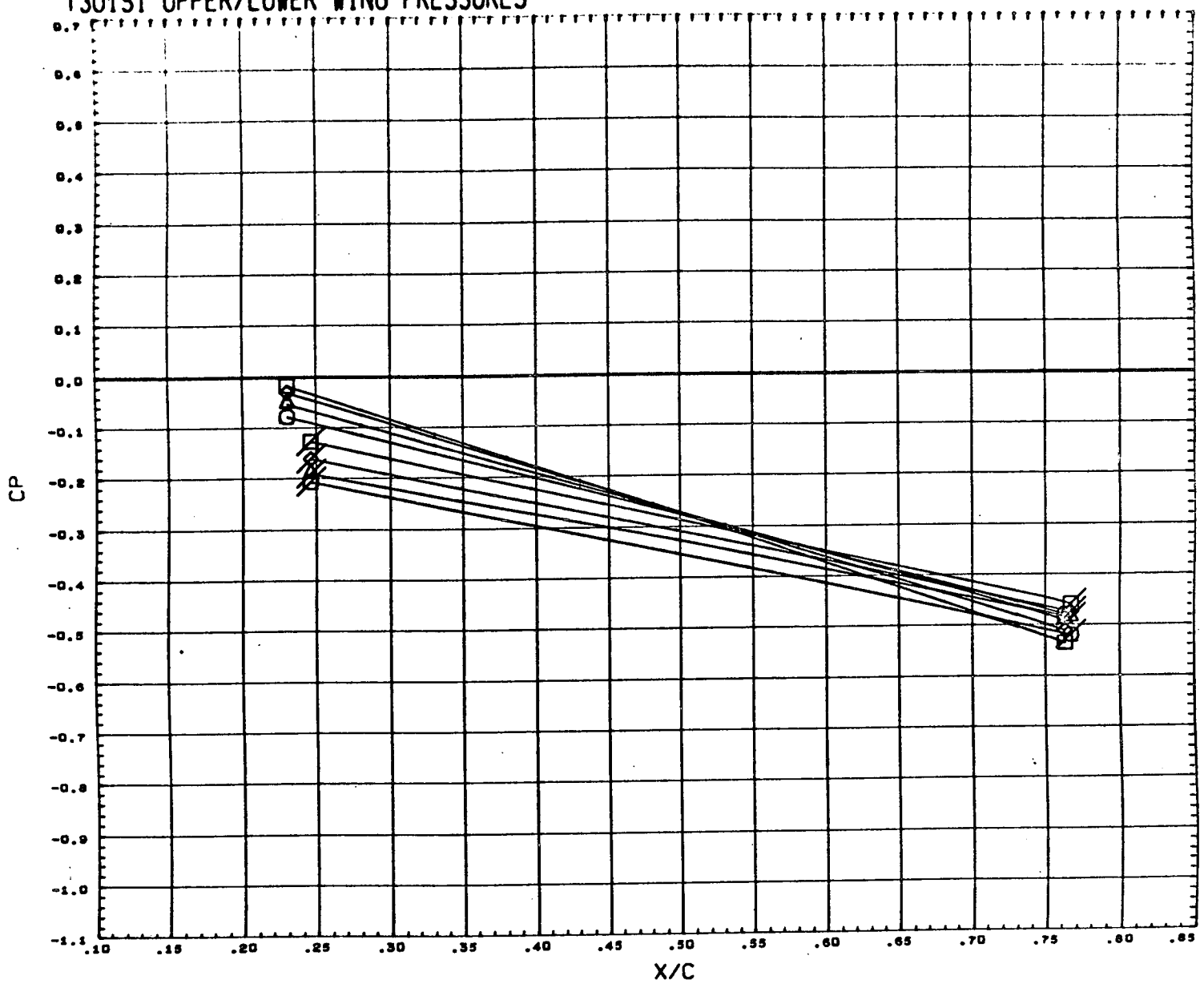
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.002
△	- 4.000		
◇	- 2.000		
□	0.000		

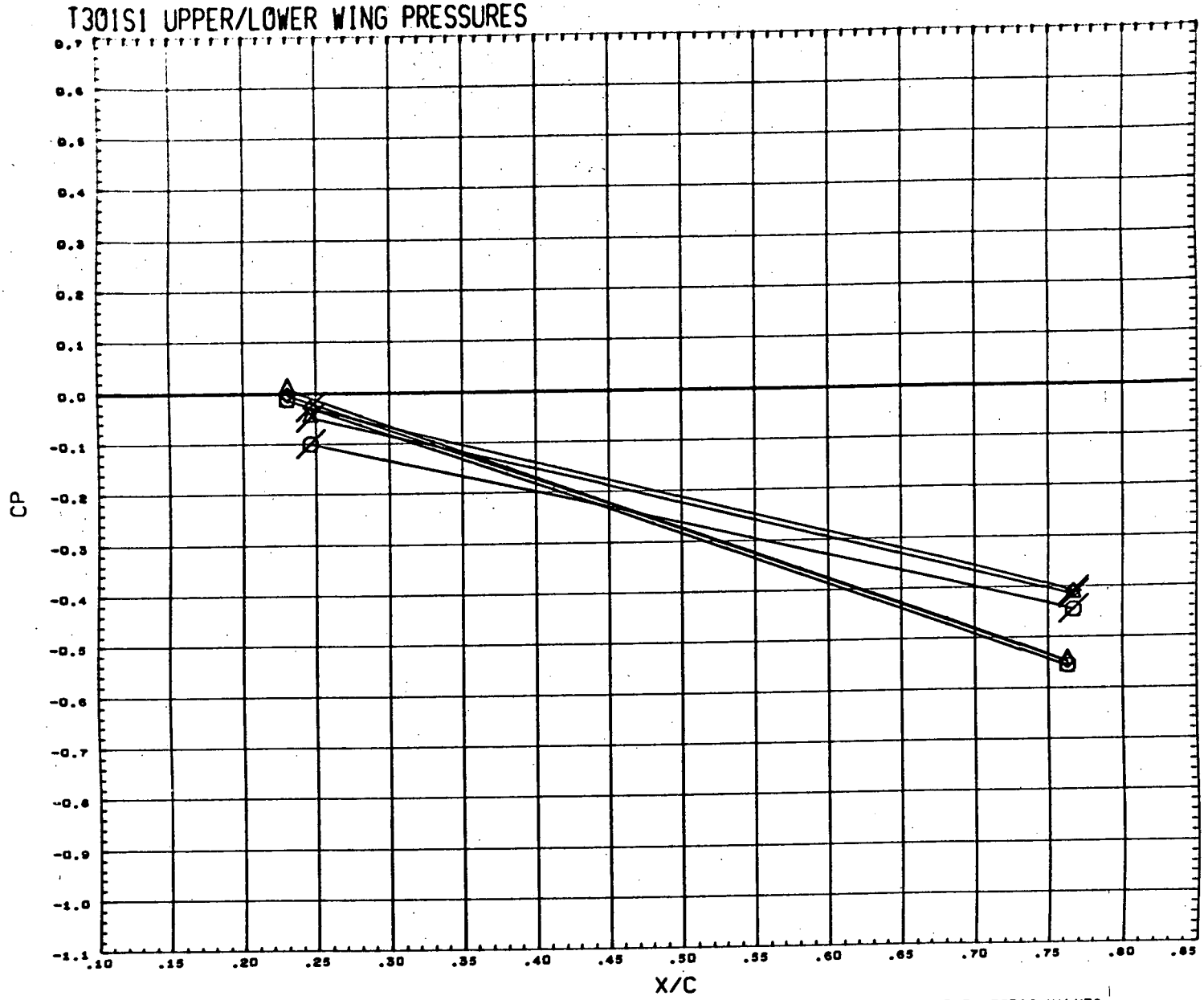
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.002
△	4.000		
◇	6.000		

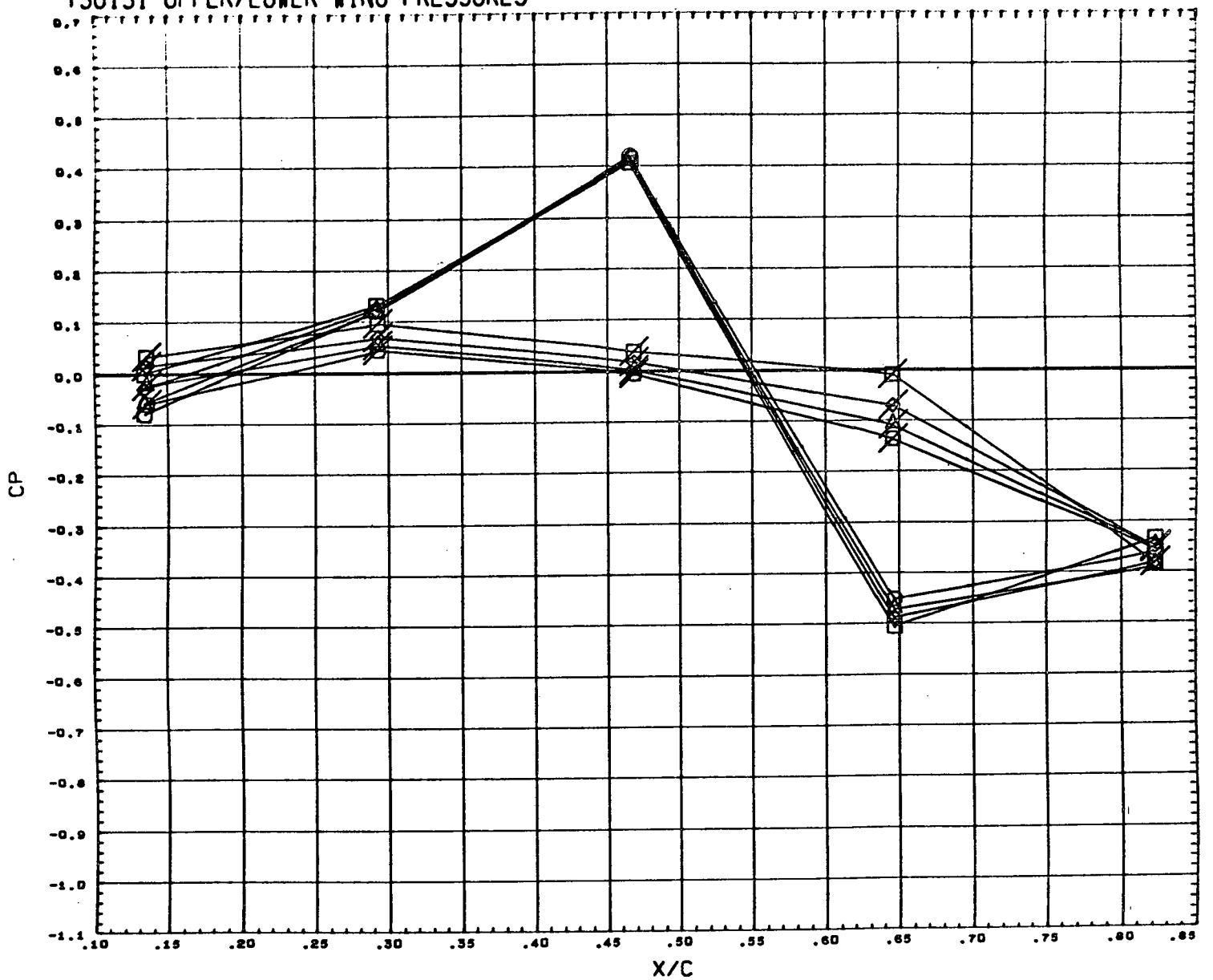
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

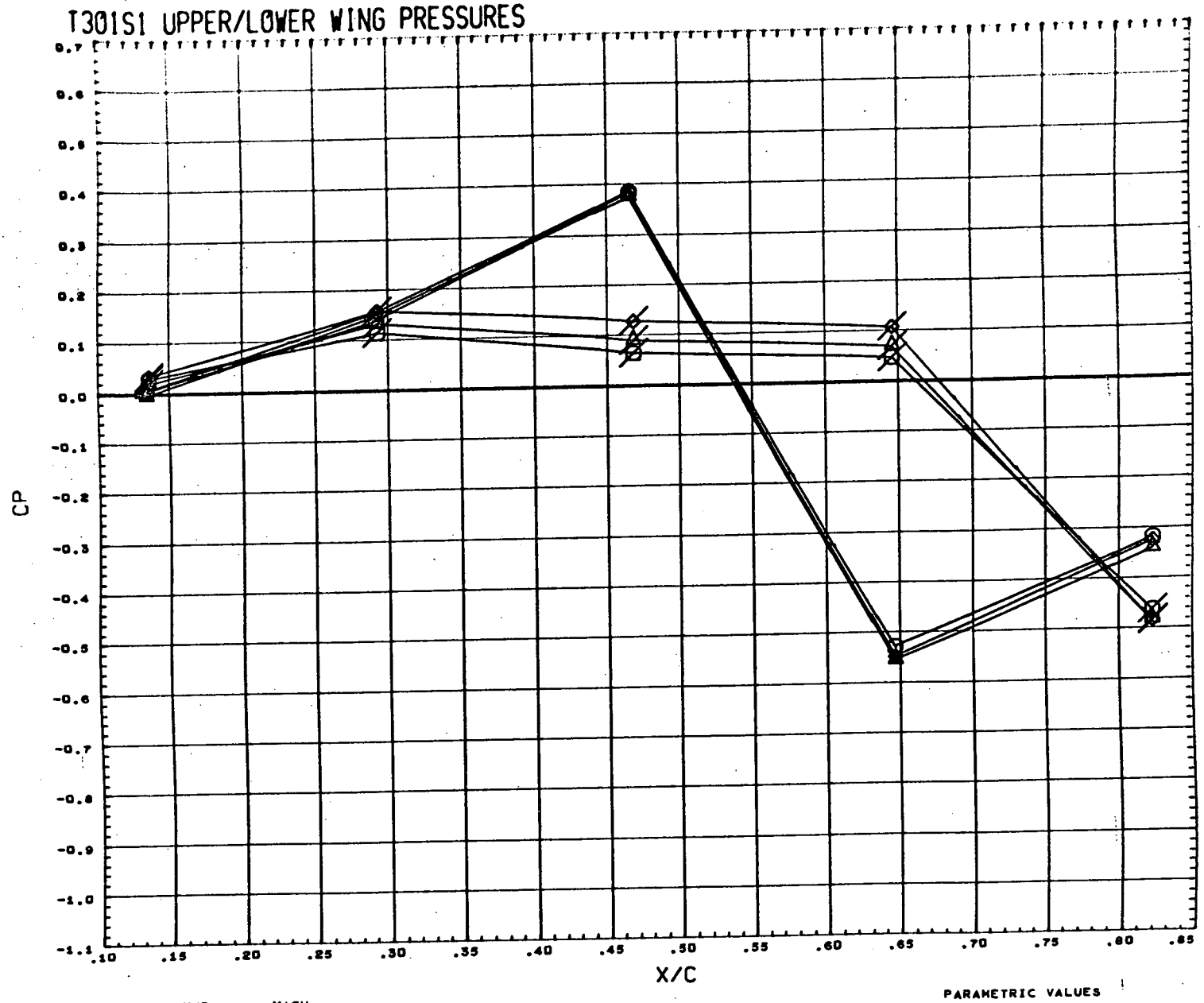
ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

C4

T301S1 UPPER/LOWER WING PRESSURES



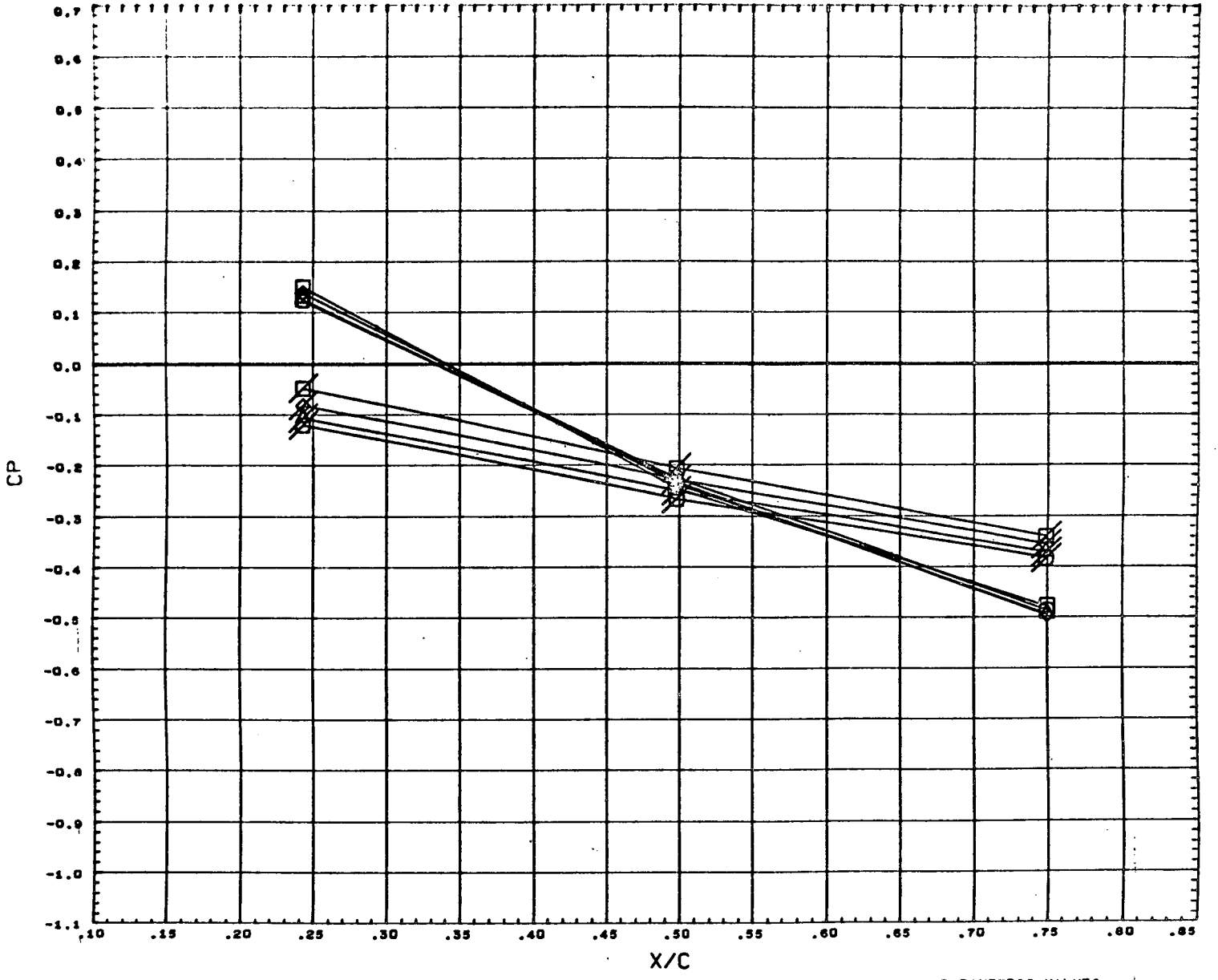
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.106
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



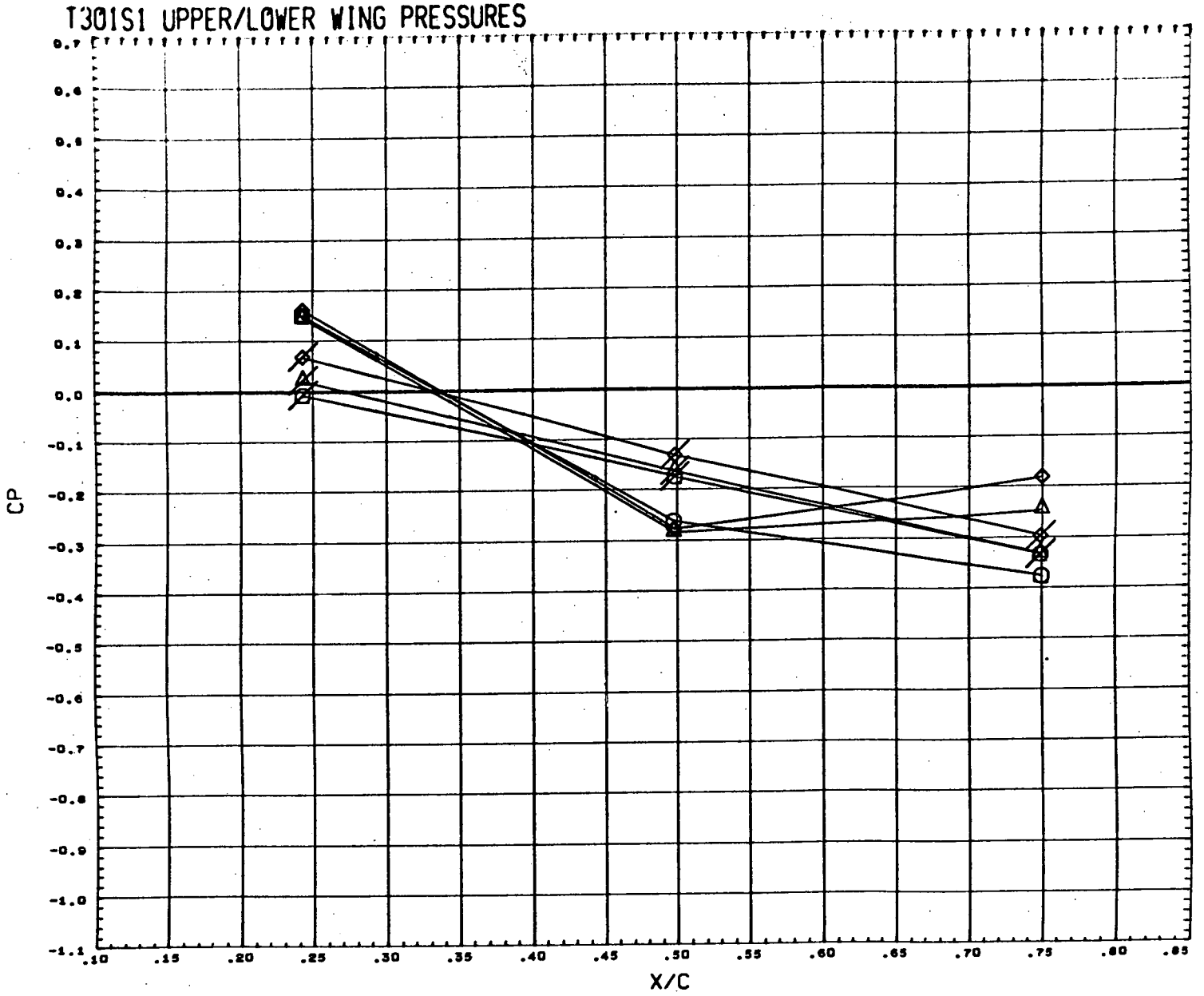
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.106
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



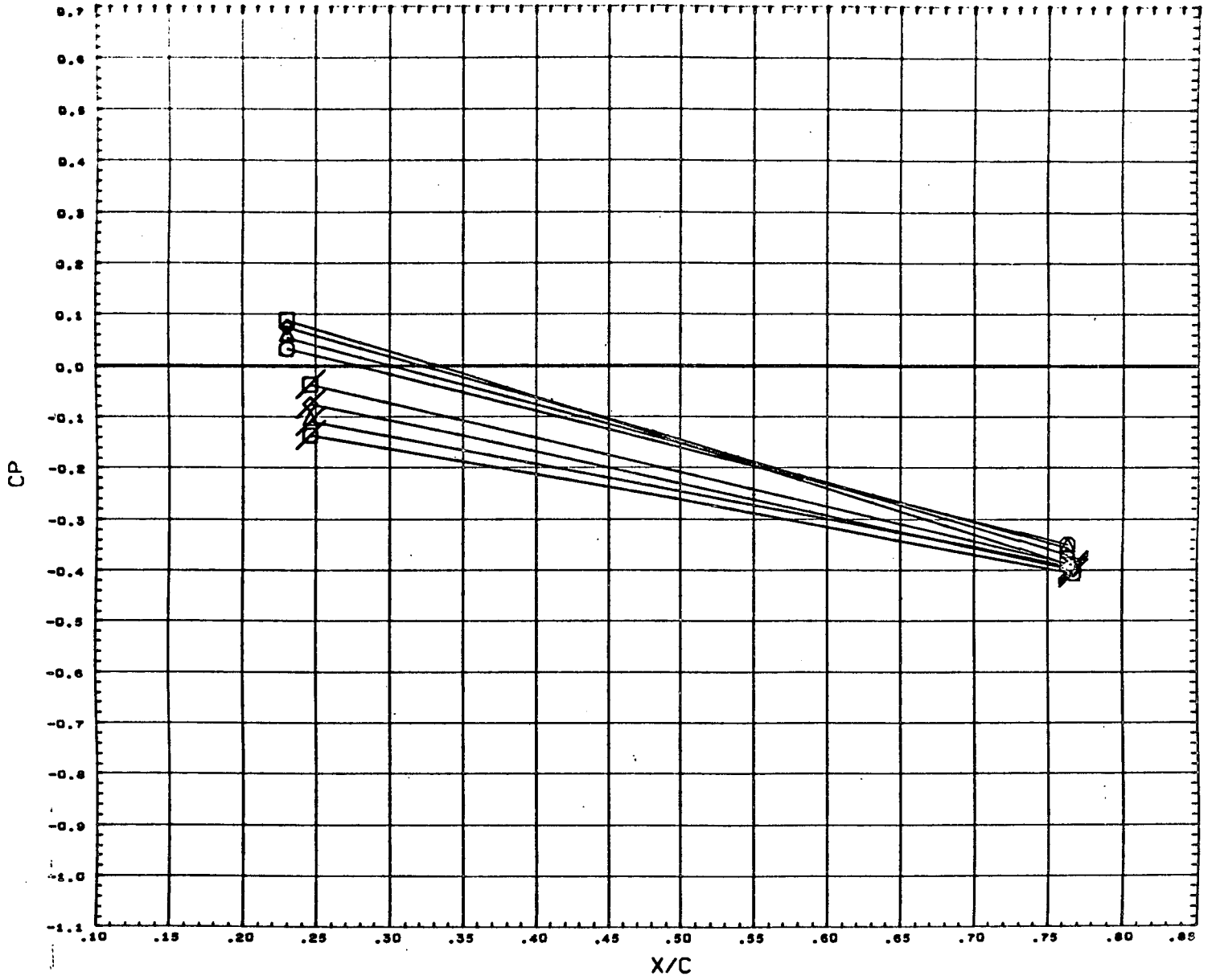
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.106
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.106
△	- 4.000		
◇	- 2.000		
□	0.000		

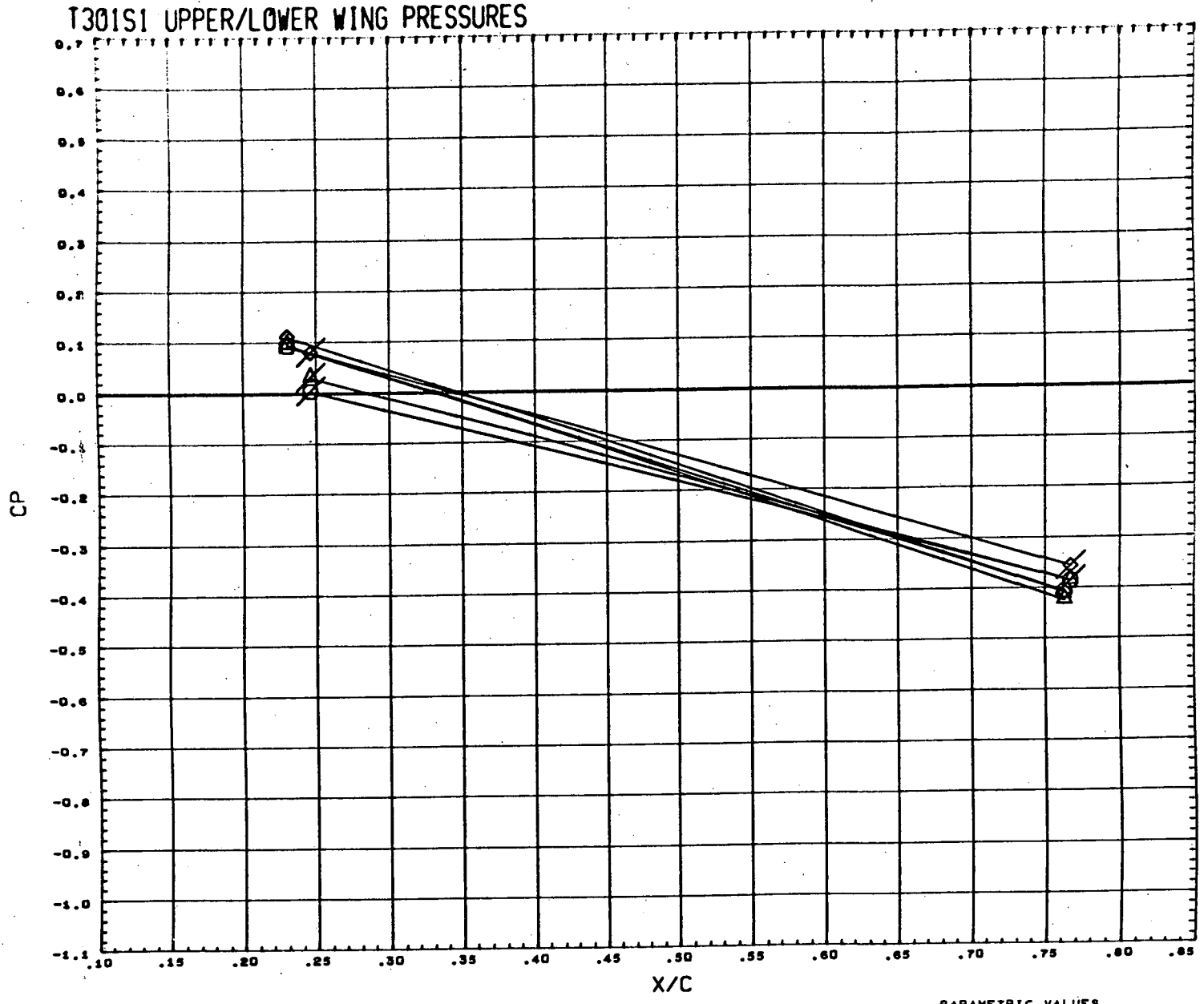
PARAMETRIC VALUES

ALPHA . 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.106
△	4.000		
◇	6.000		

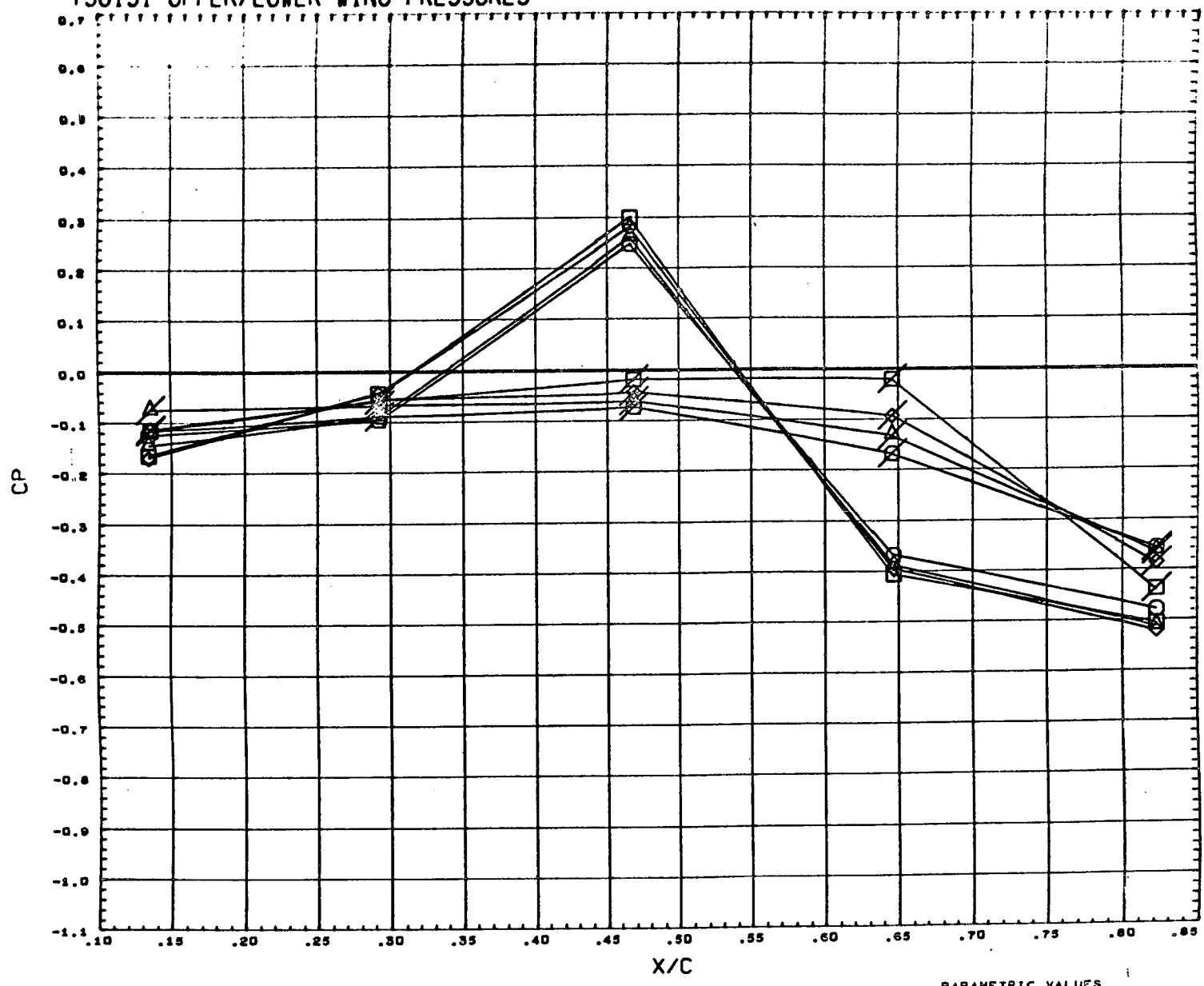
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

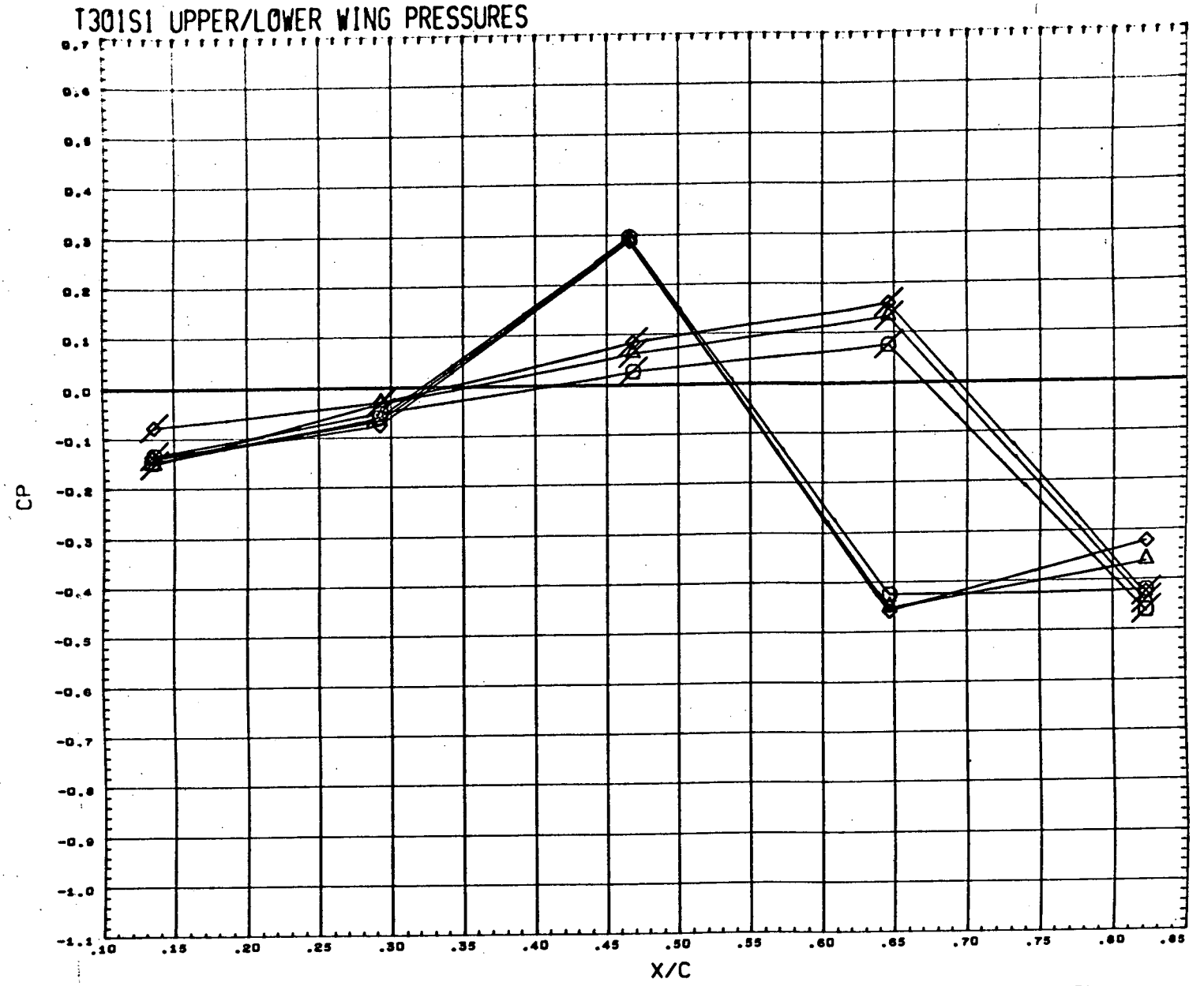
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.196
△	4.000		
◇	6.000		

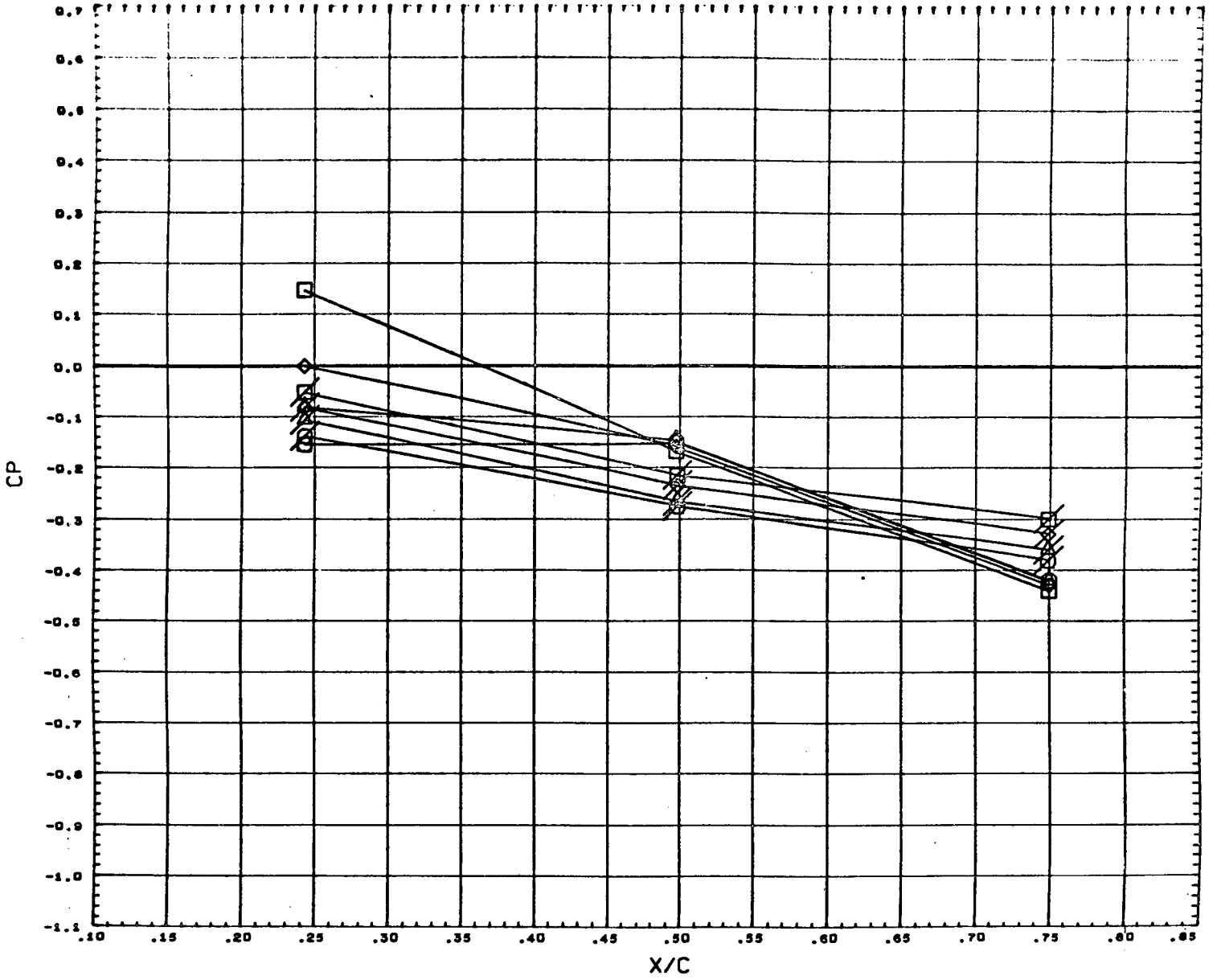
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



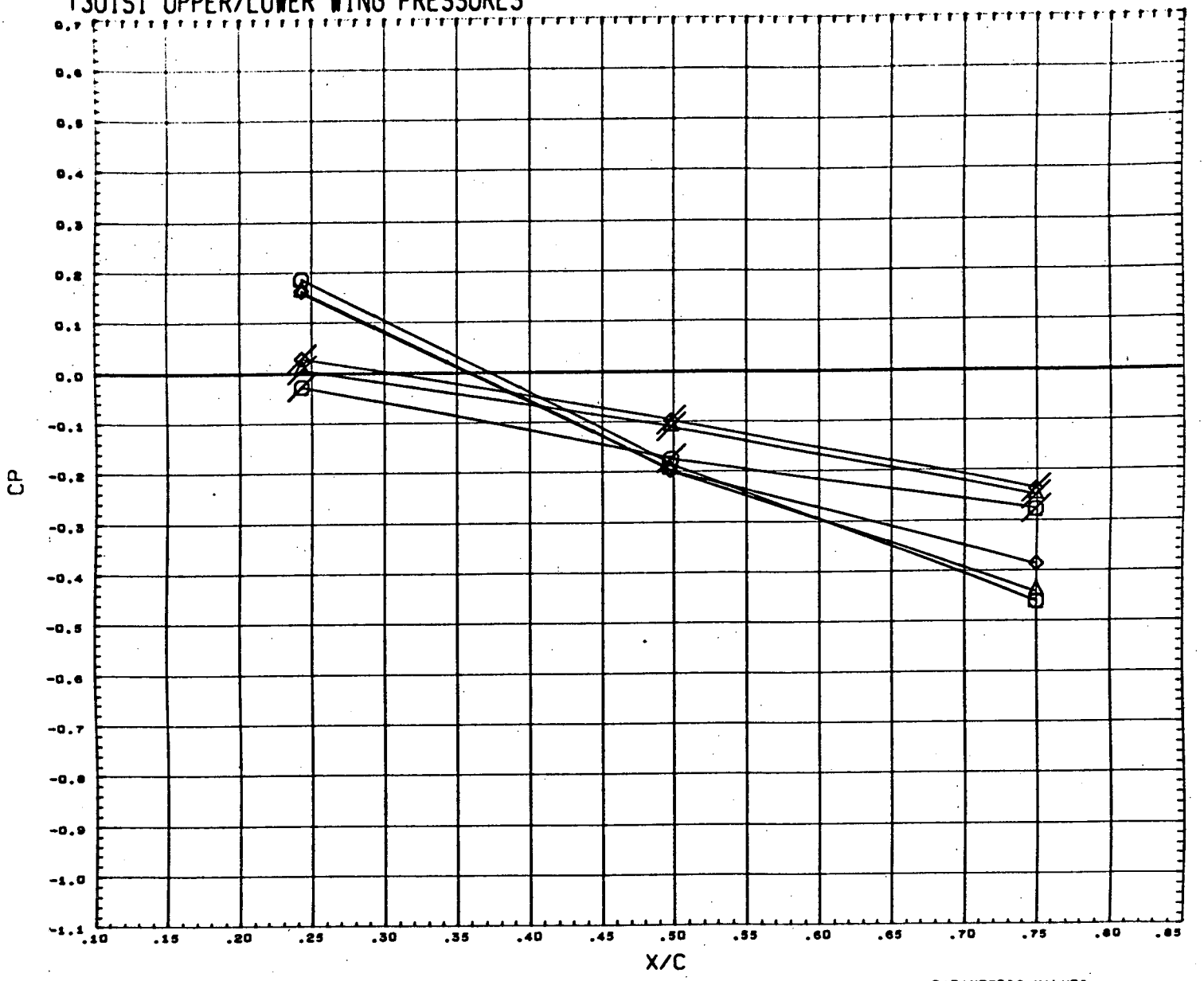
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.196
△	4.000		
◇	6.000		

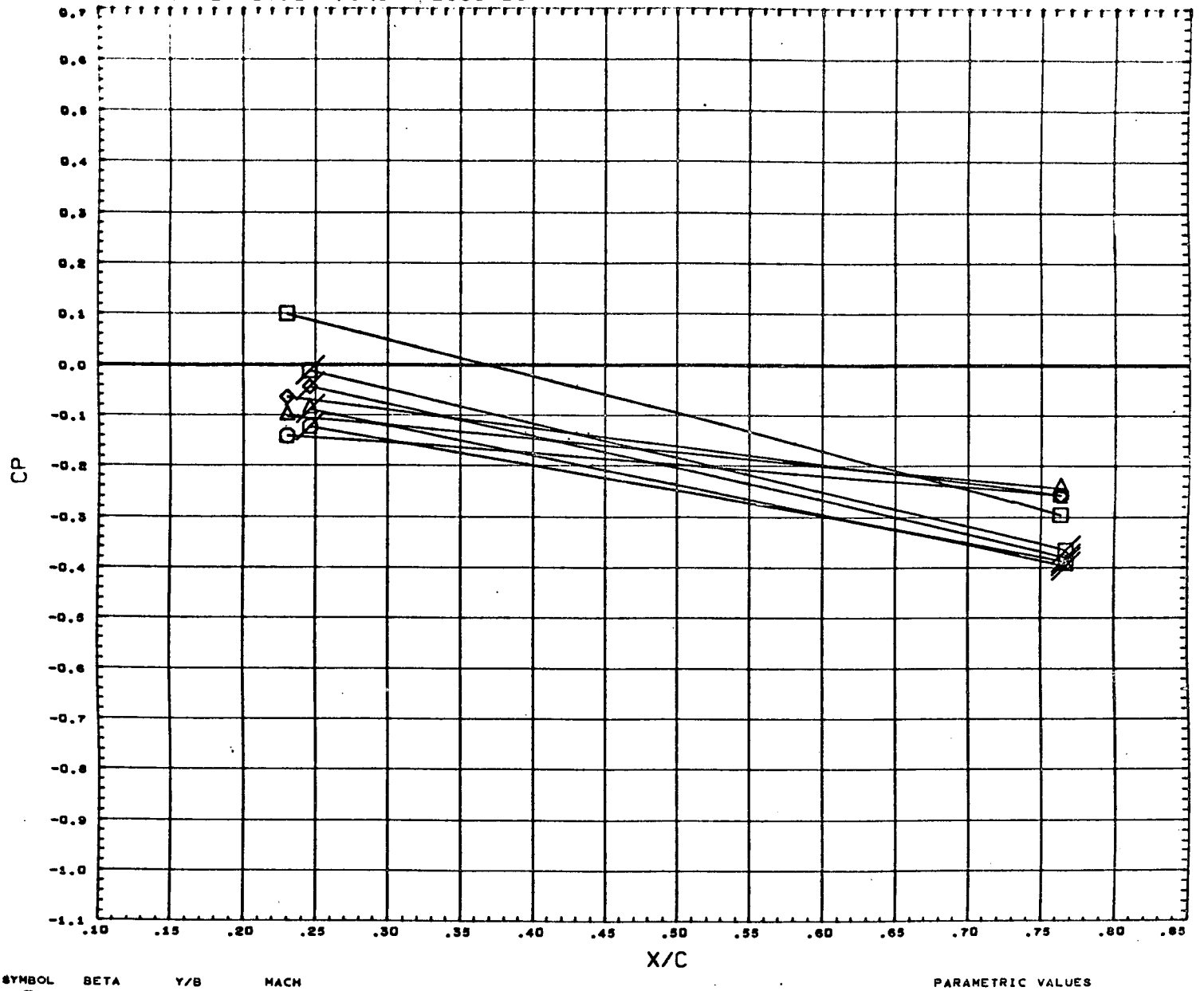
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

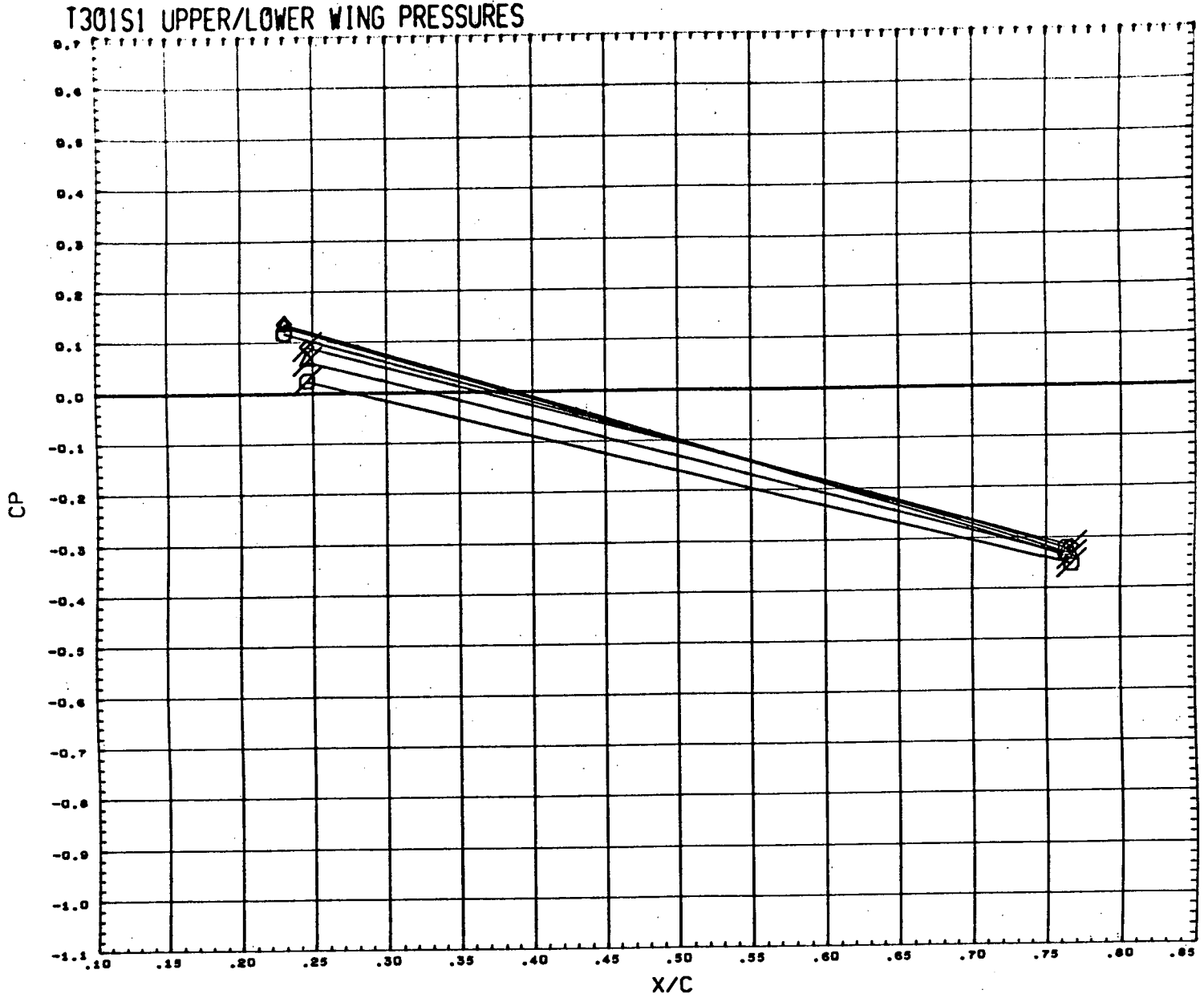
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	1.196
△	4.000		
◇	6.000		

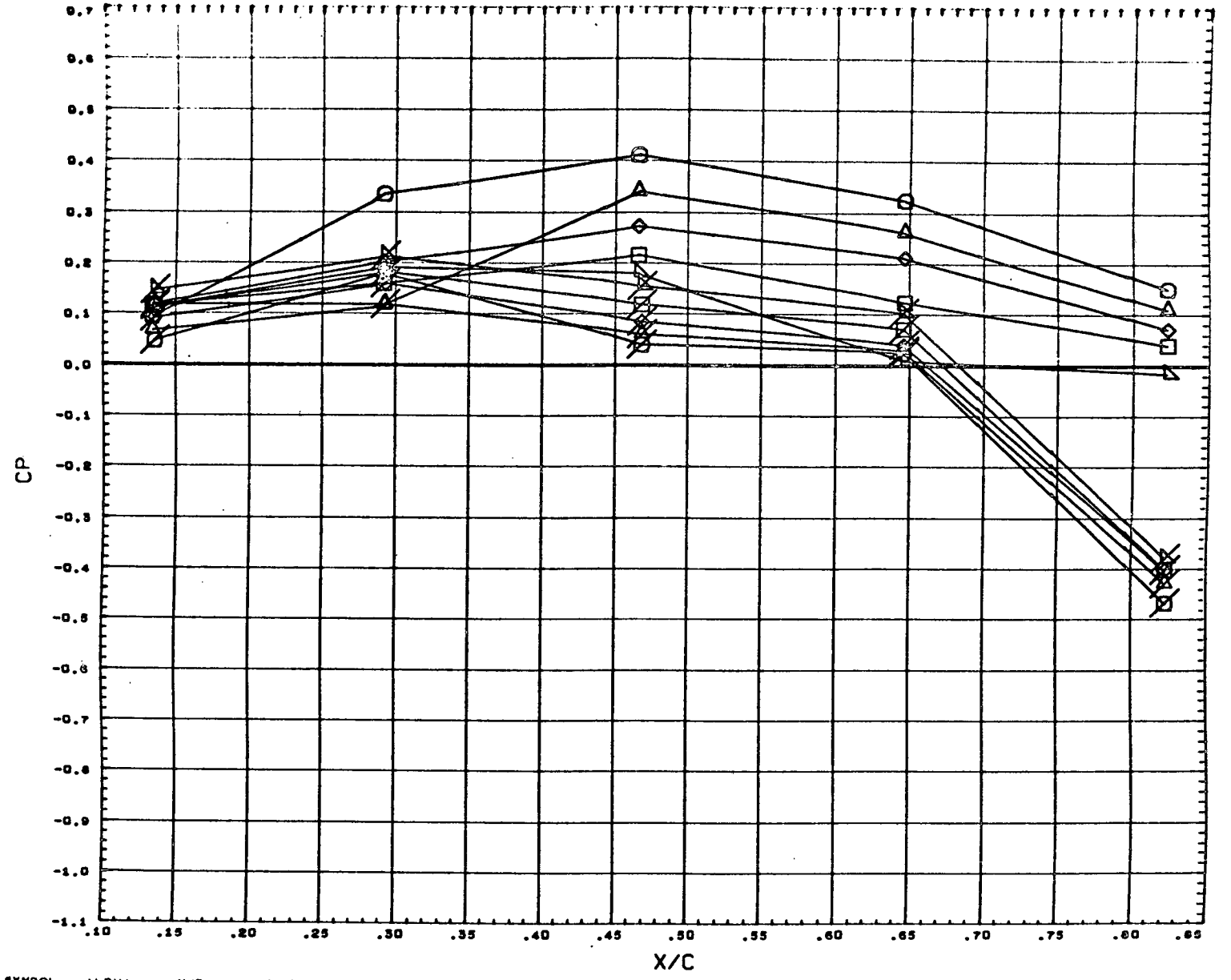
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73002)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73002)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



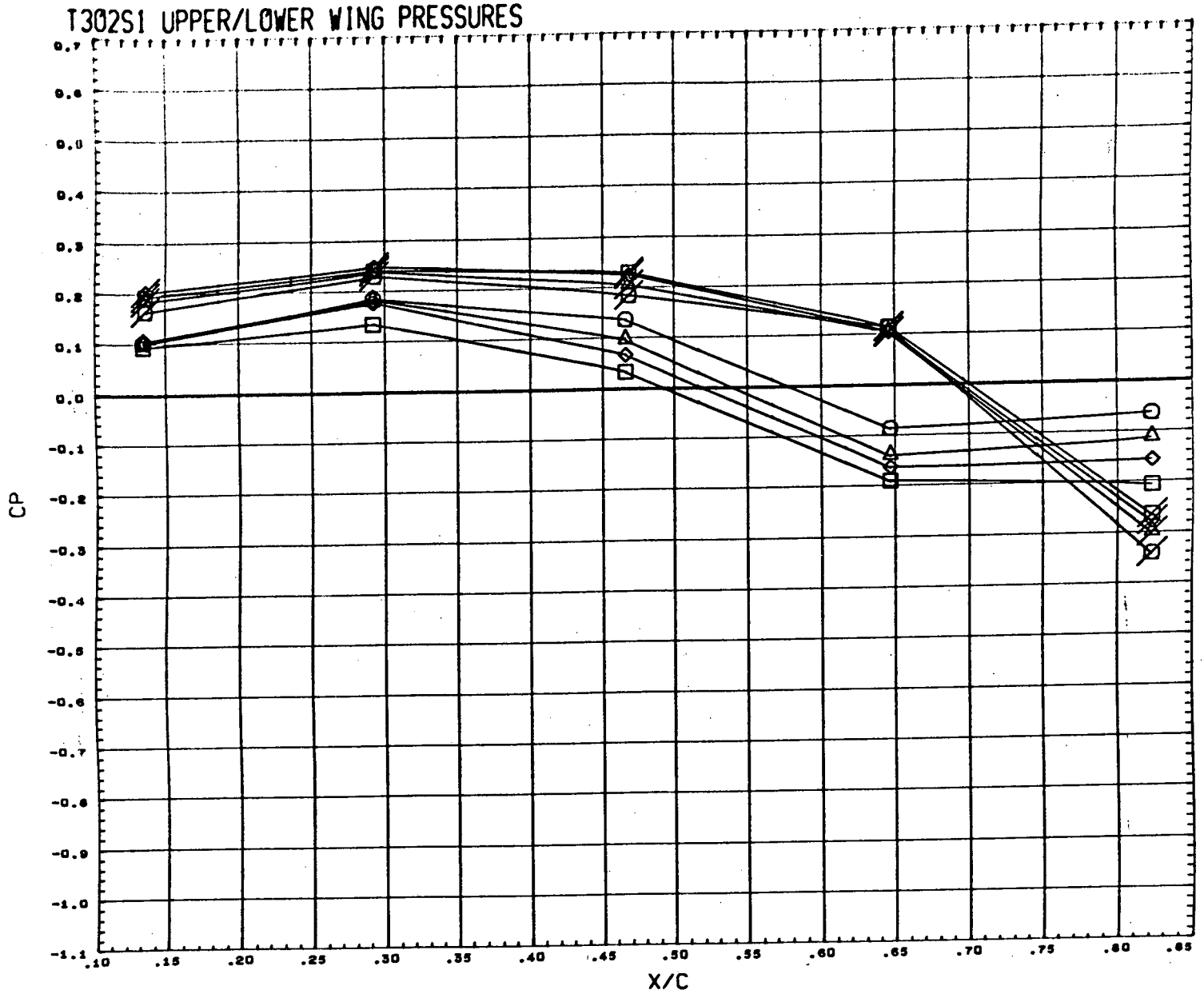
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.203
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.203
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

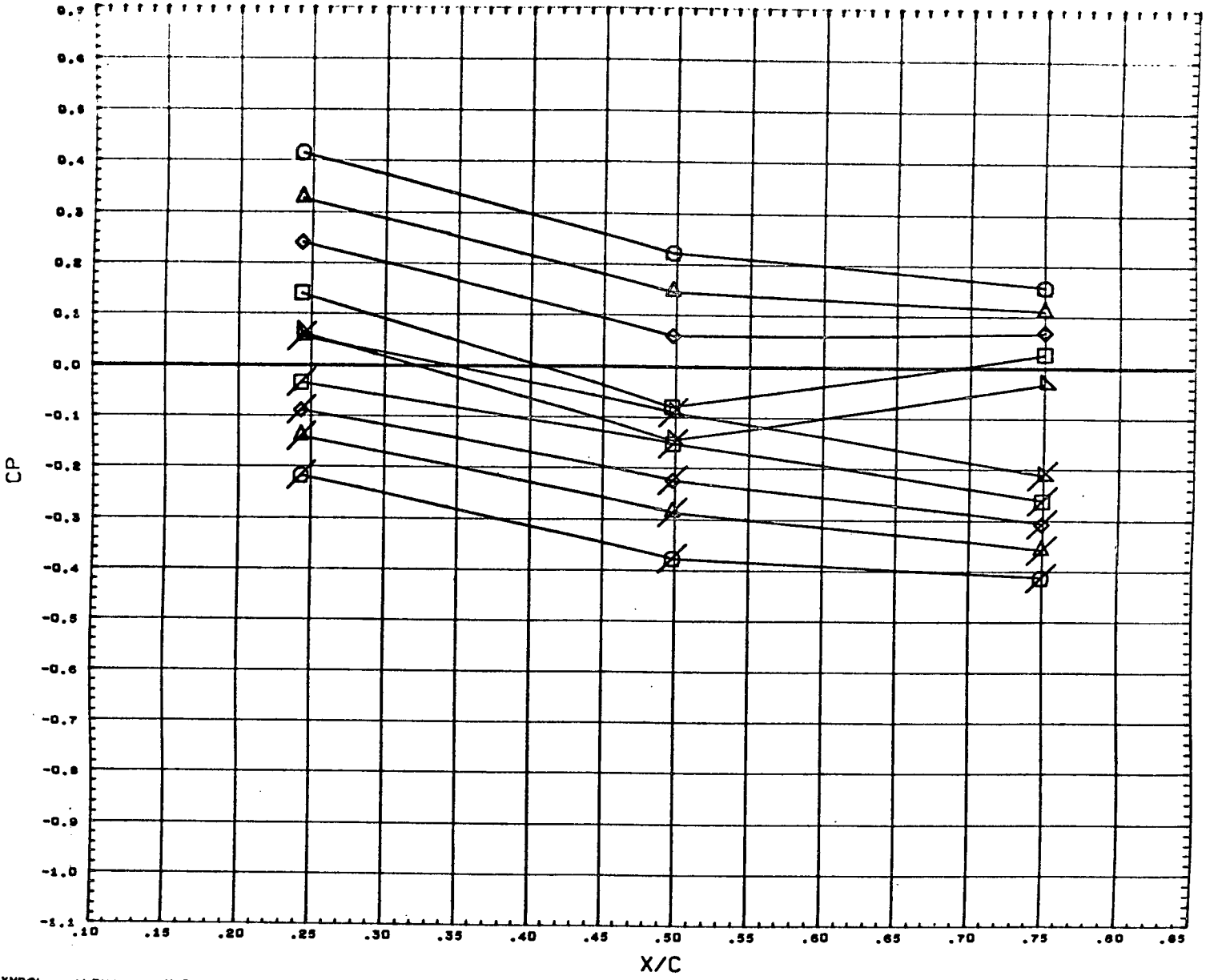
BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T302S1 LOWER WING

B

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.203
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

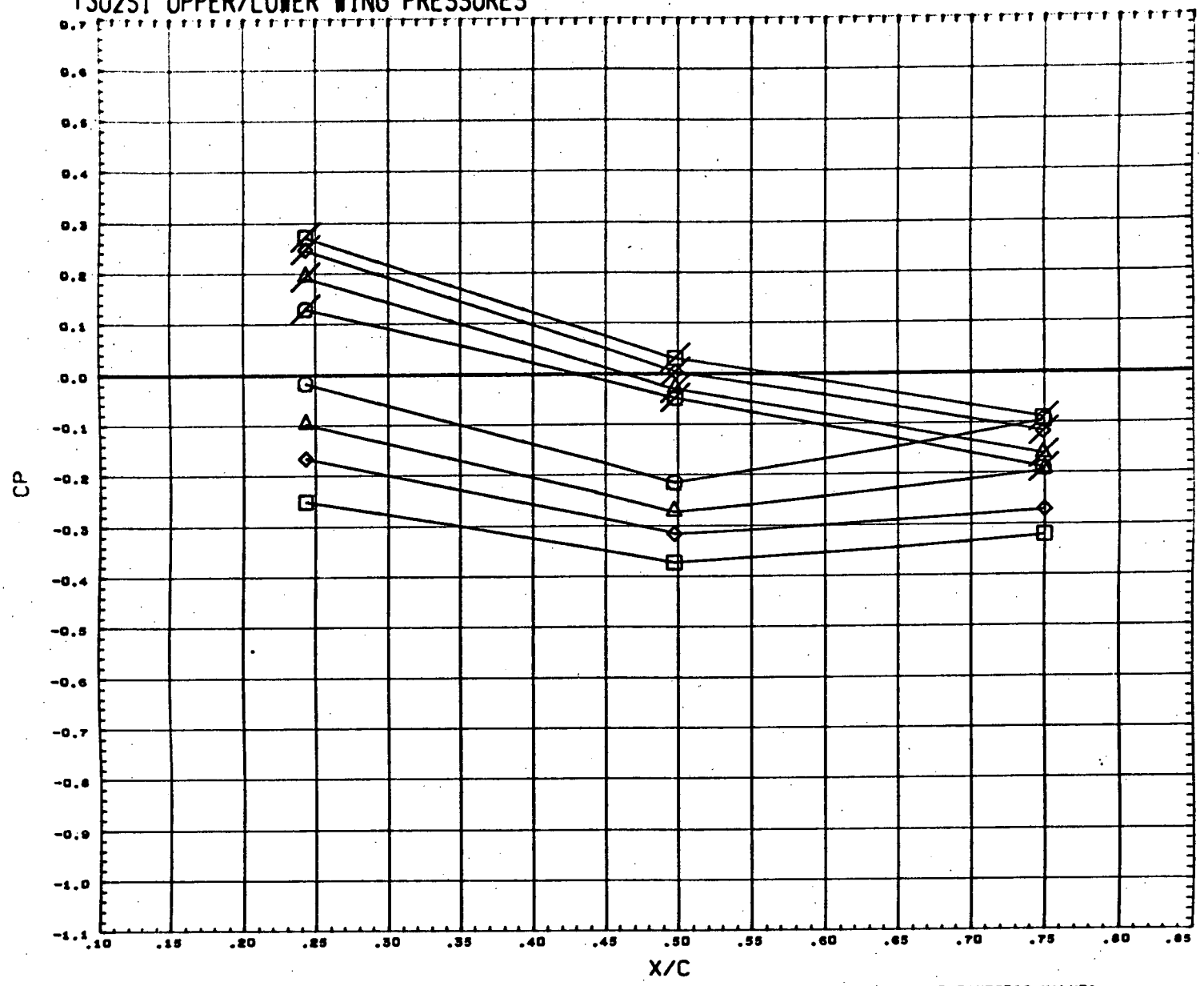
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.203
△	4.000		
◇	6.000		
□	8.000		

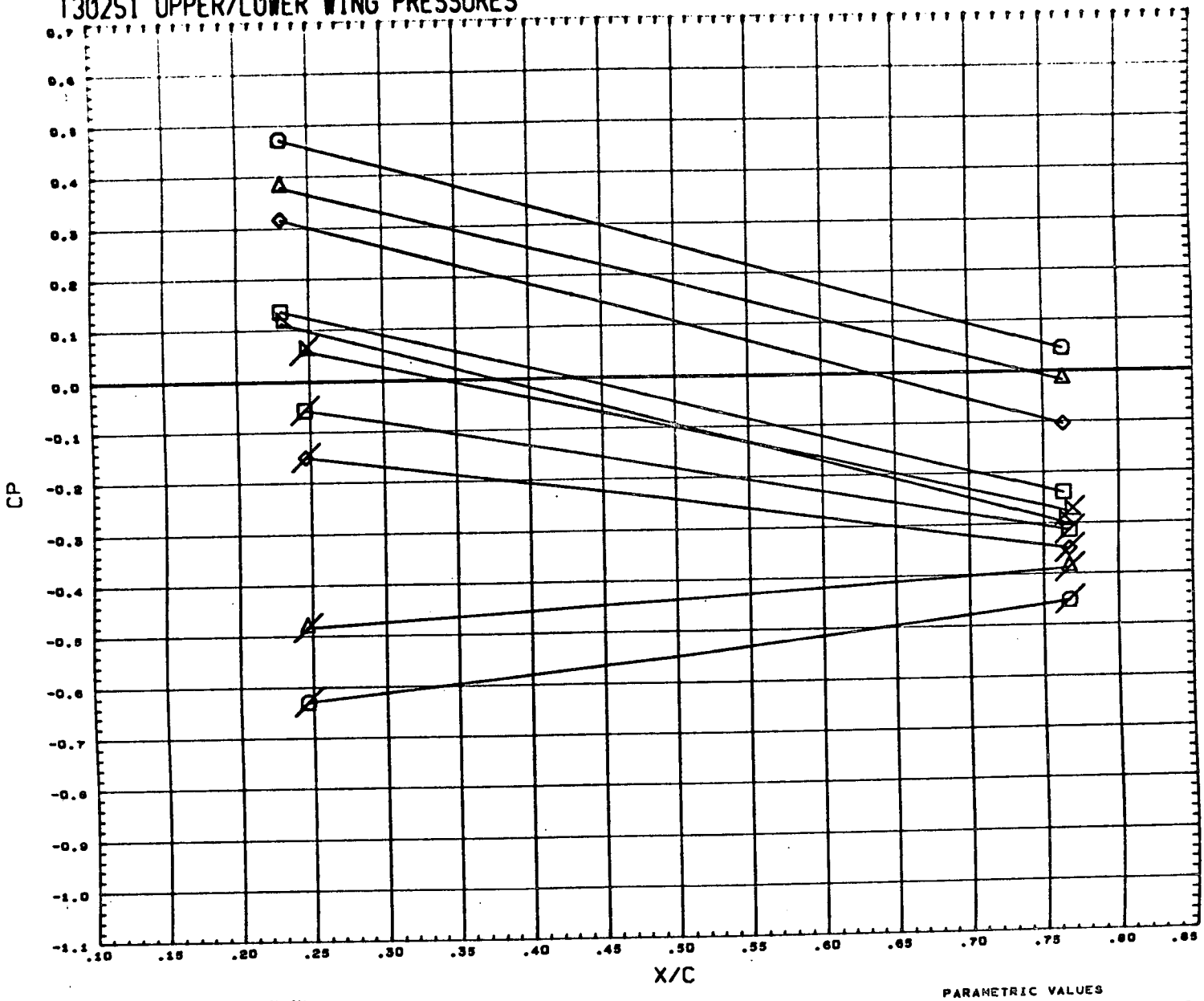
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.645	1.203
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

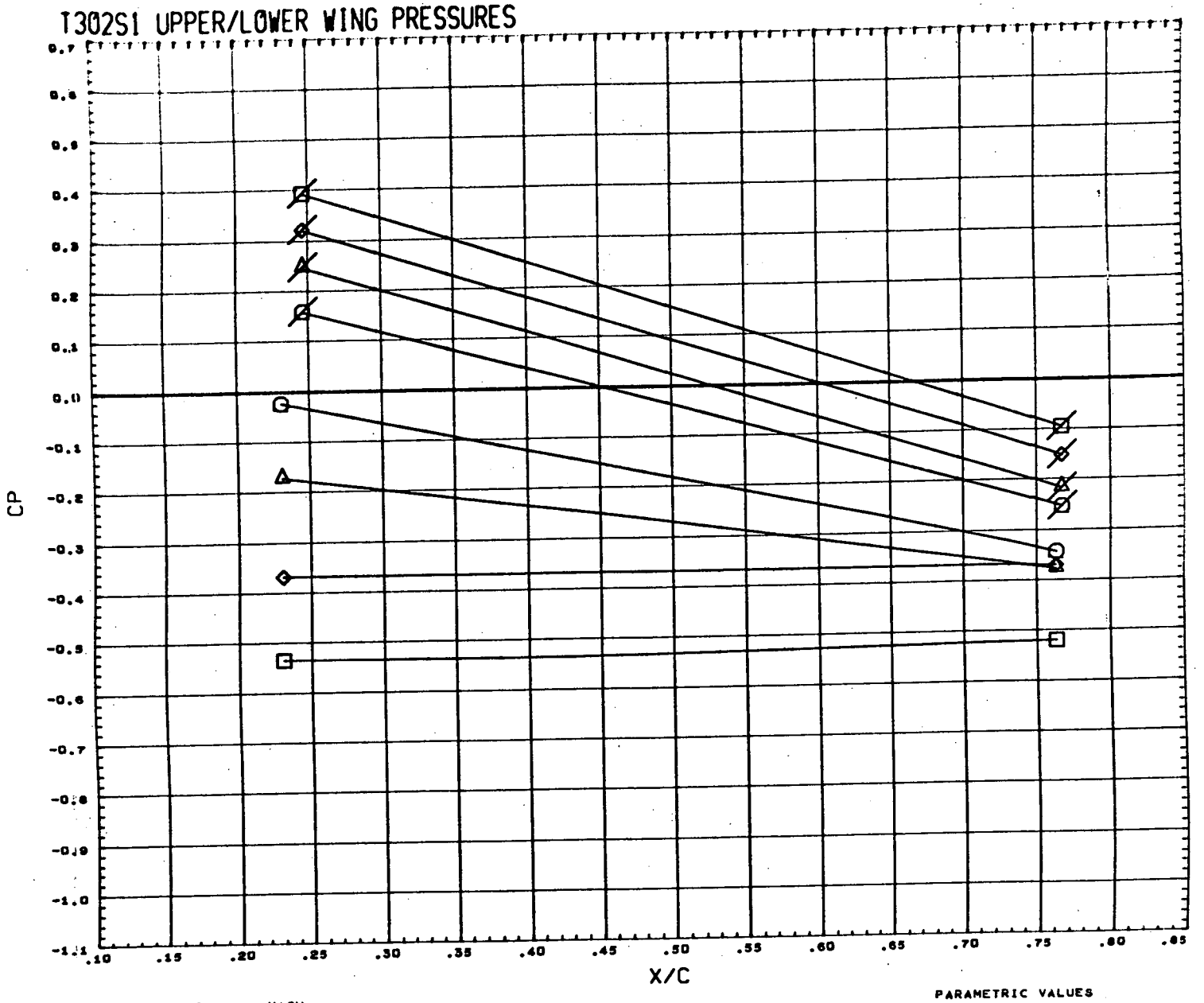
PARAMETRIC VALUES

BETA 0.000 ORBINC = 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.203
△	4.000		
◇	6.000		
□	8.000		

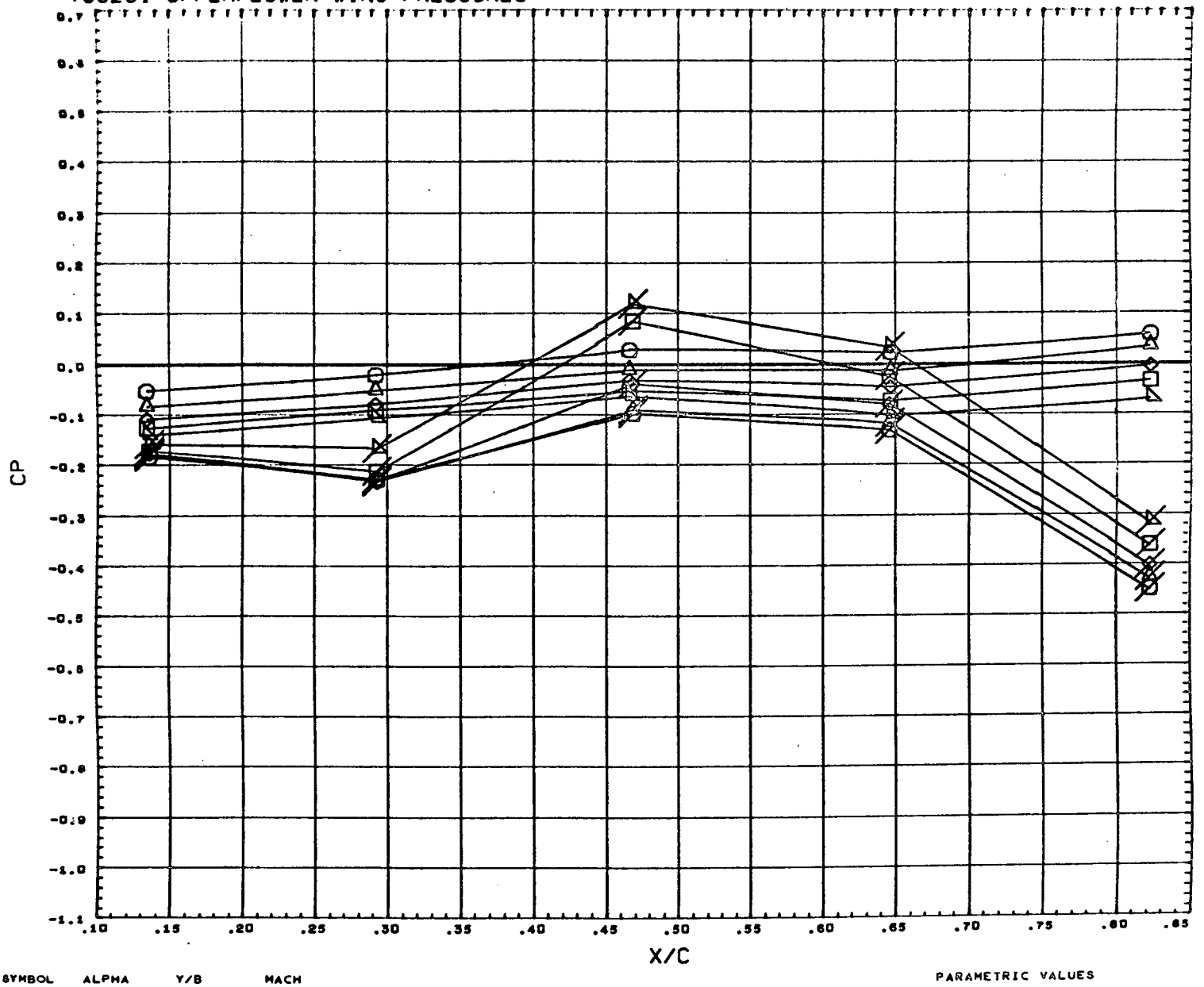
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.463
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

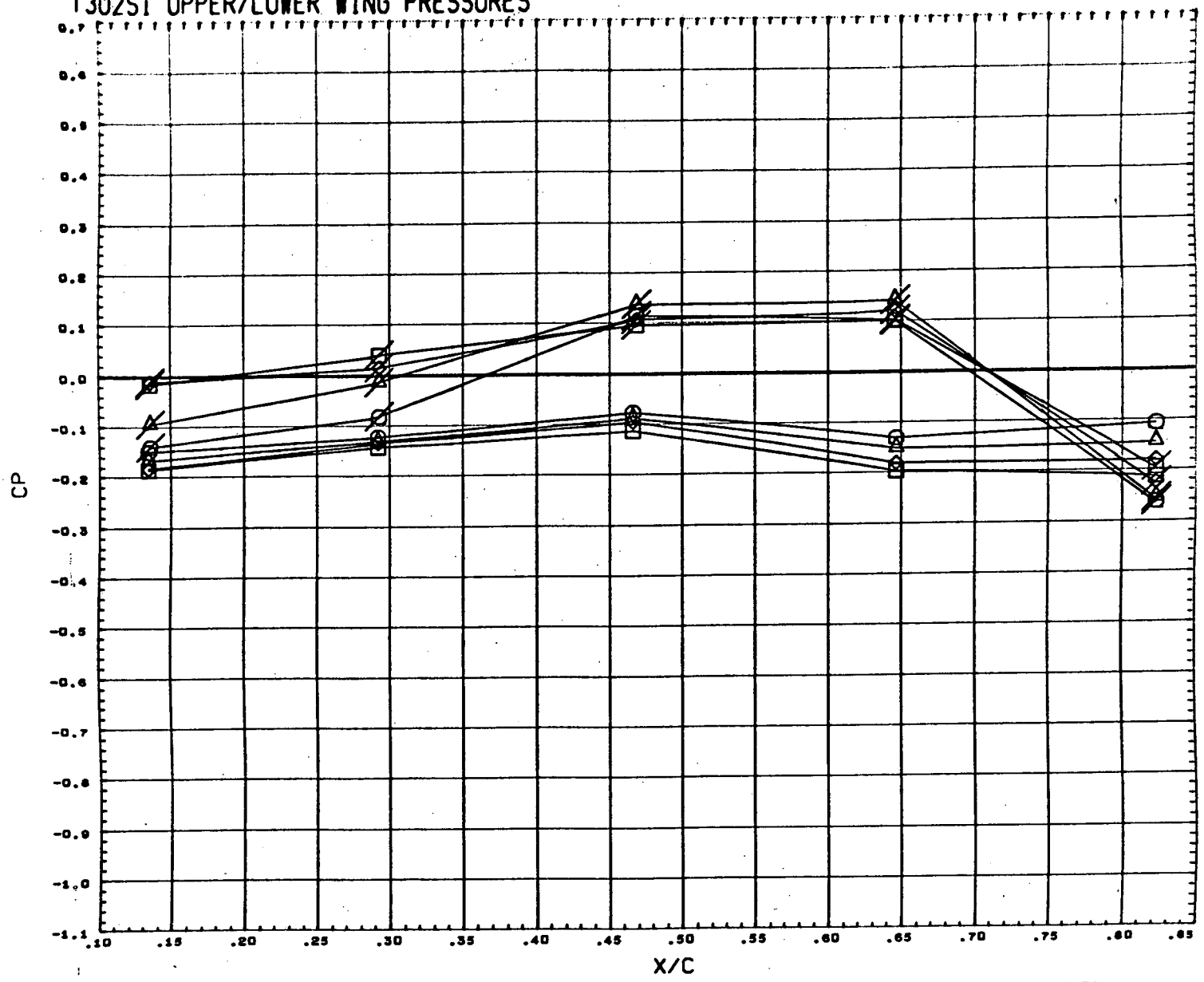
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.463
△	4.000		
◇	6.000		
□	8.000		

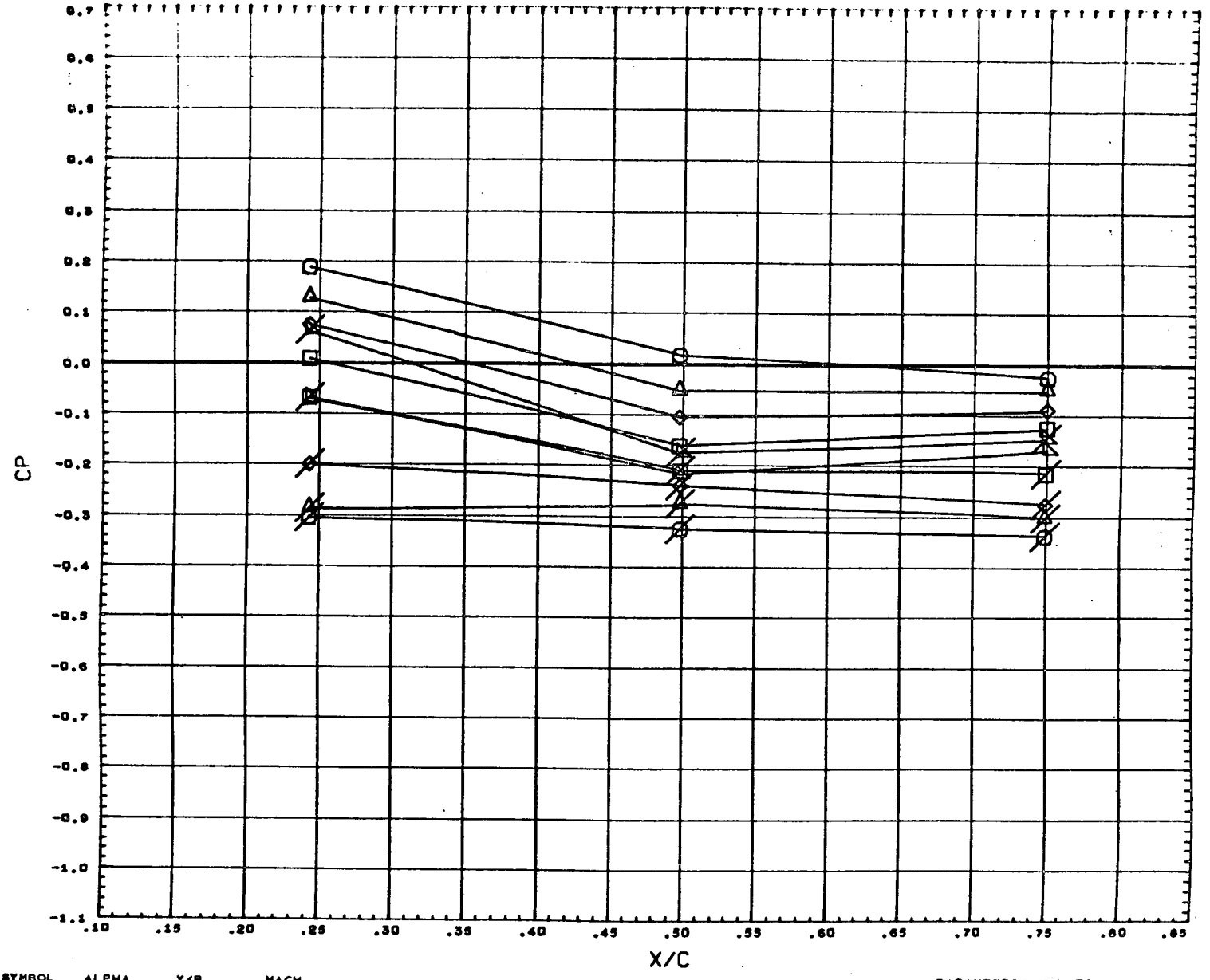
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.463
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

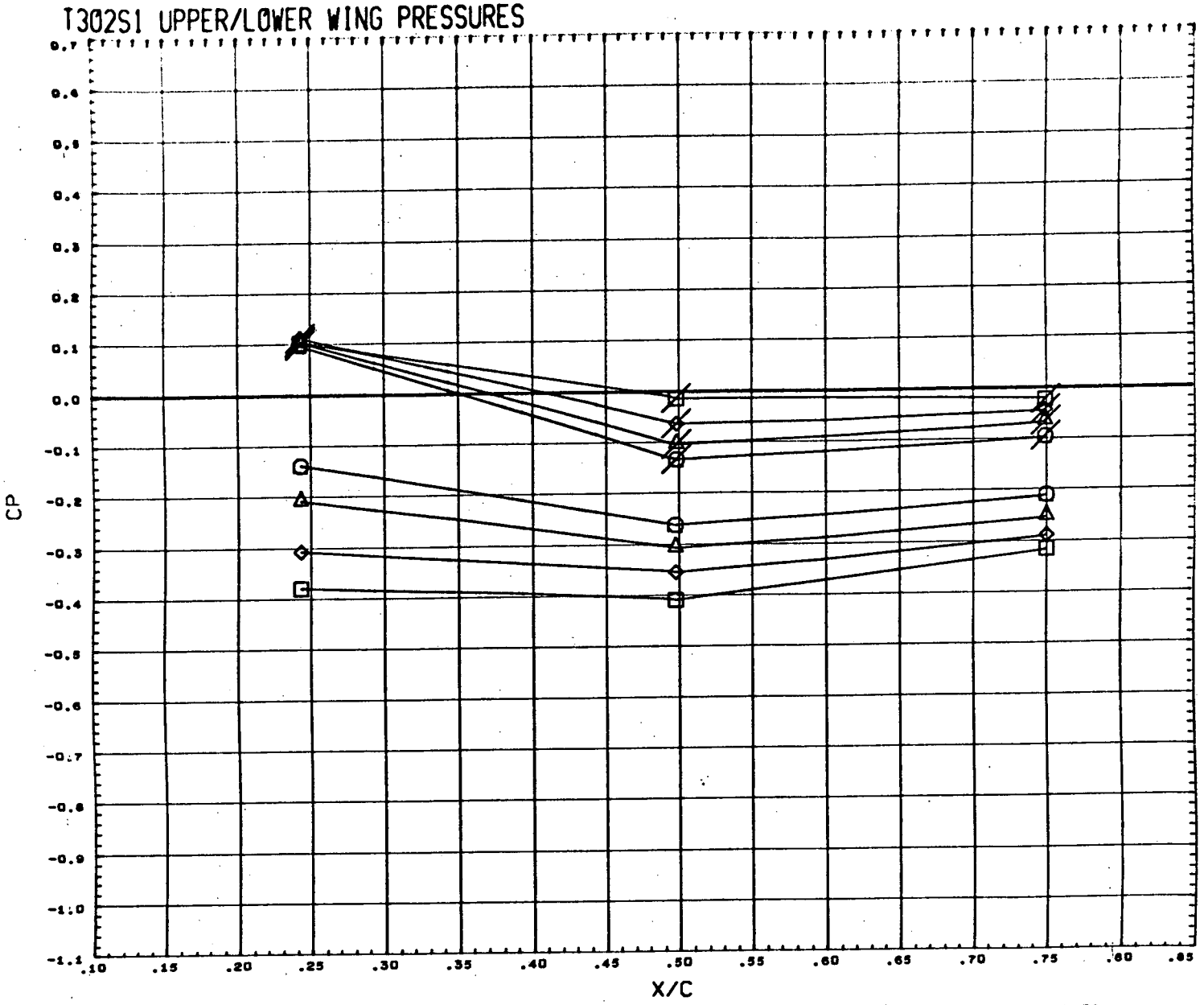
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.463
△	4.000		
◇	6.000		
□	8.000		

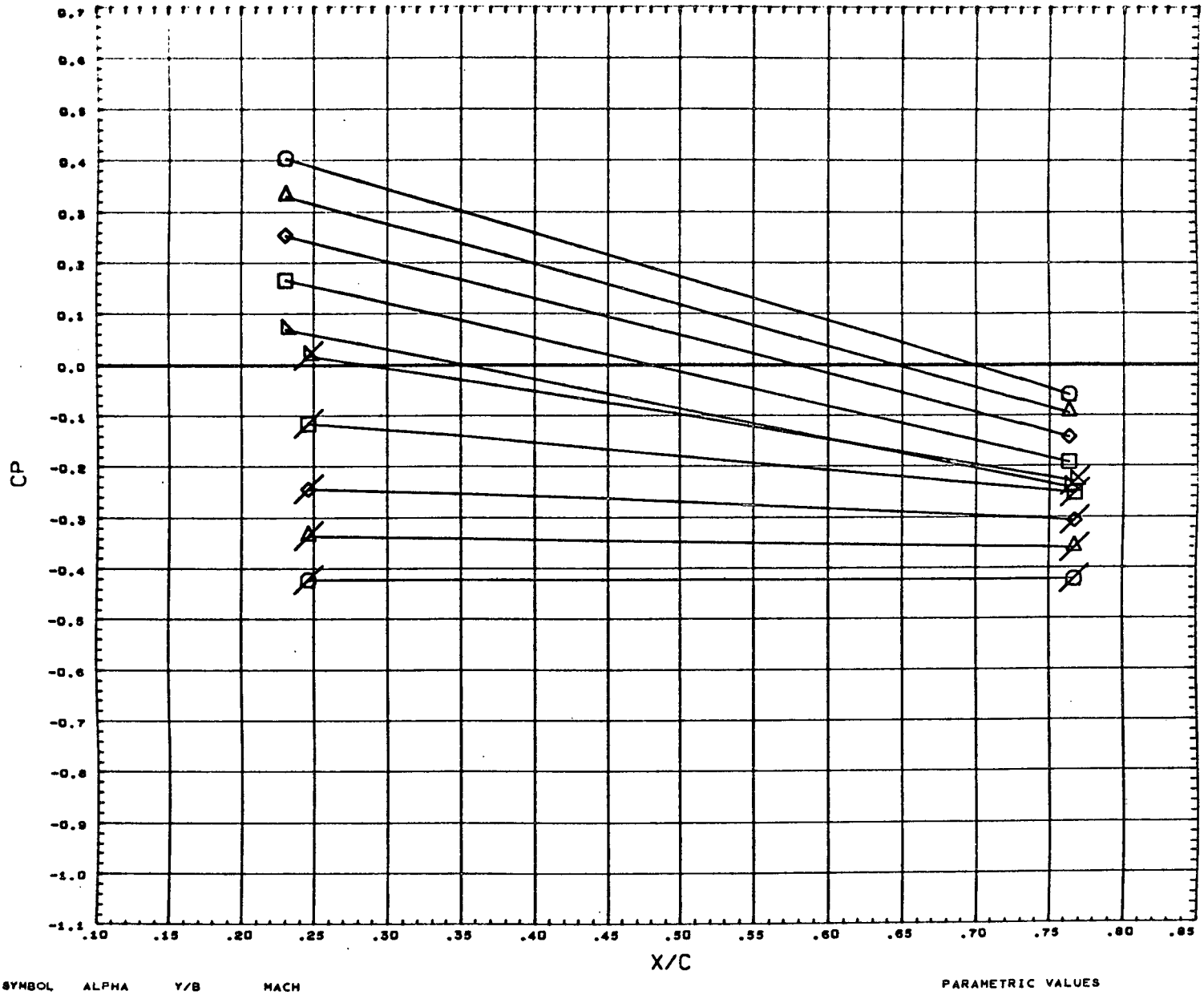
PARAMETRIC VALUES

BETA 0.000, ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.463
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

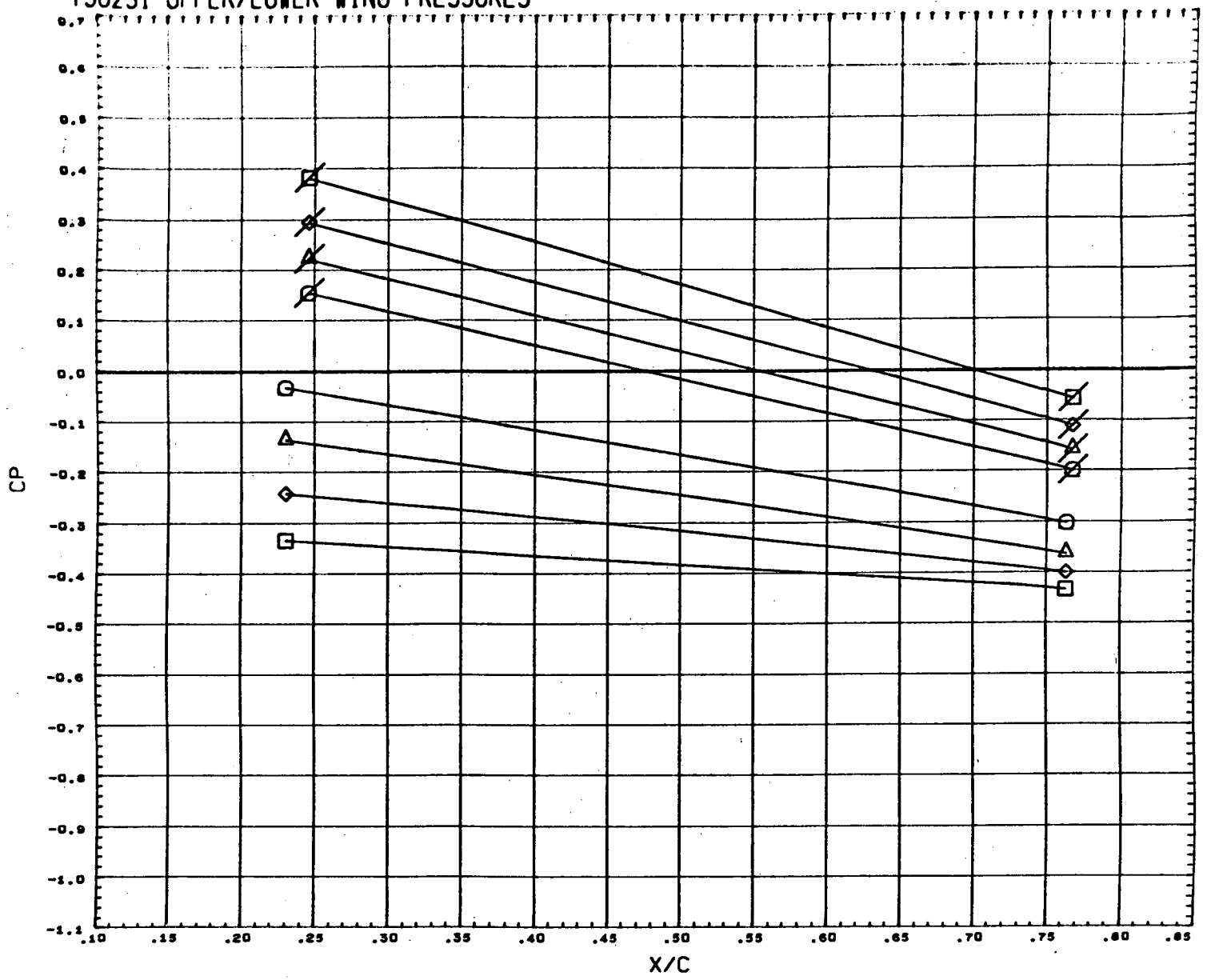
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	1.463
△	4.000		
◇	6.000		
□	8.000		

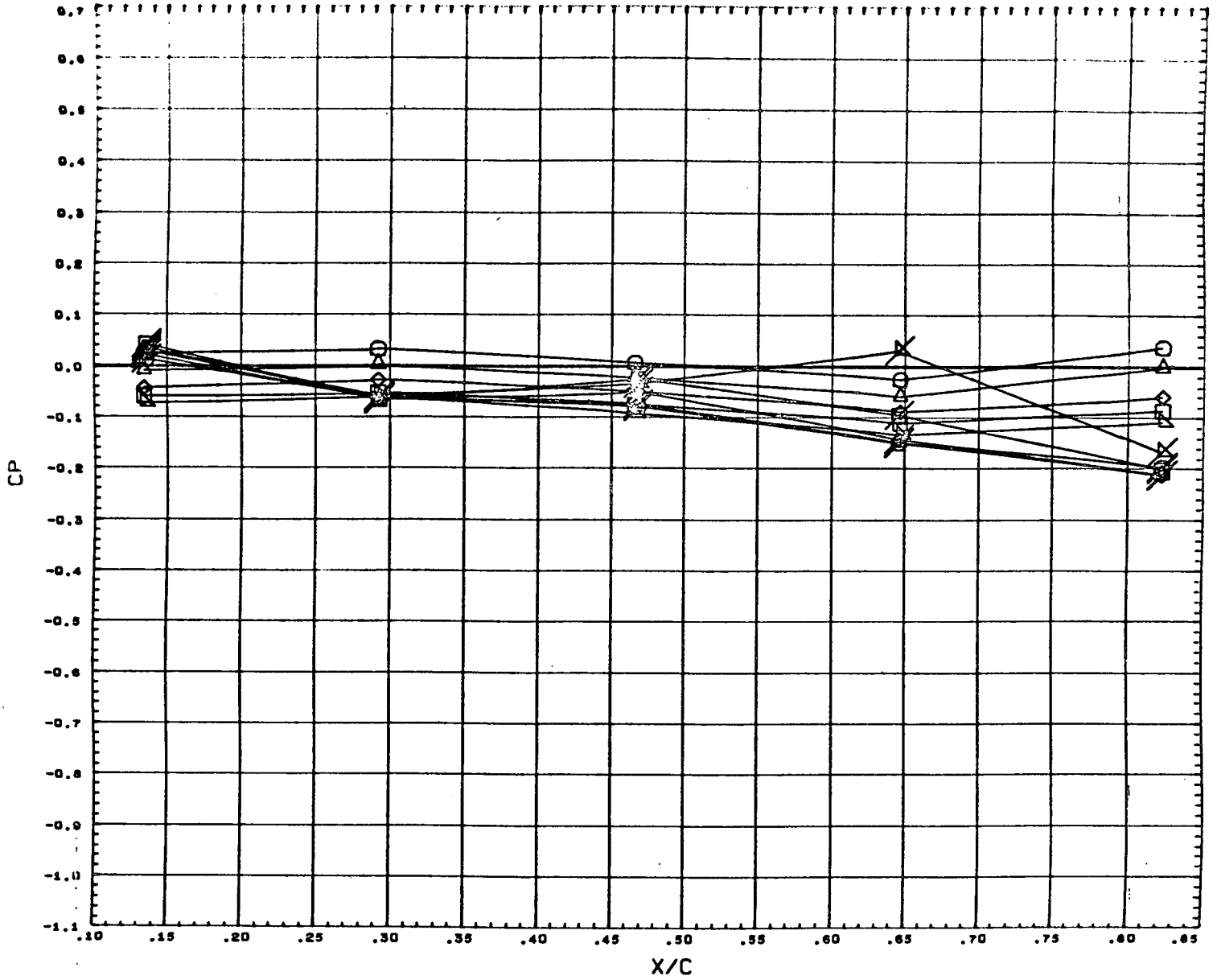
PARAMETRIC VALUES

BETA 0.000 ORBINC 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.951
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

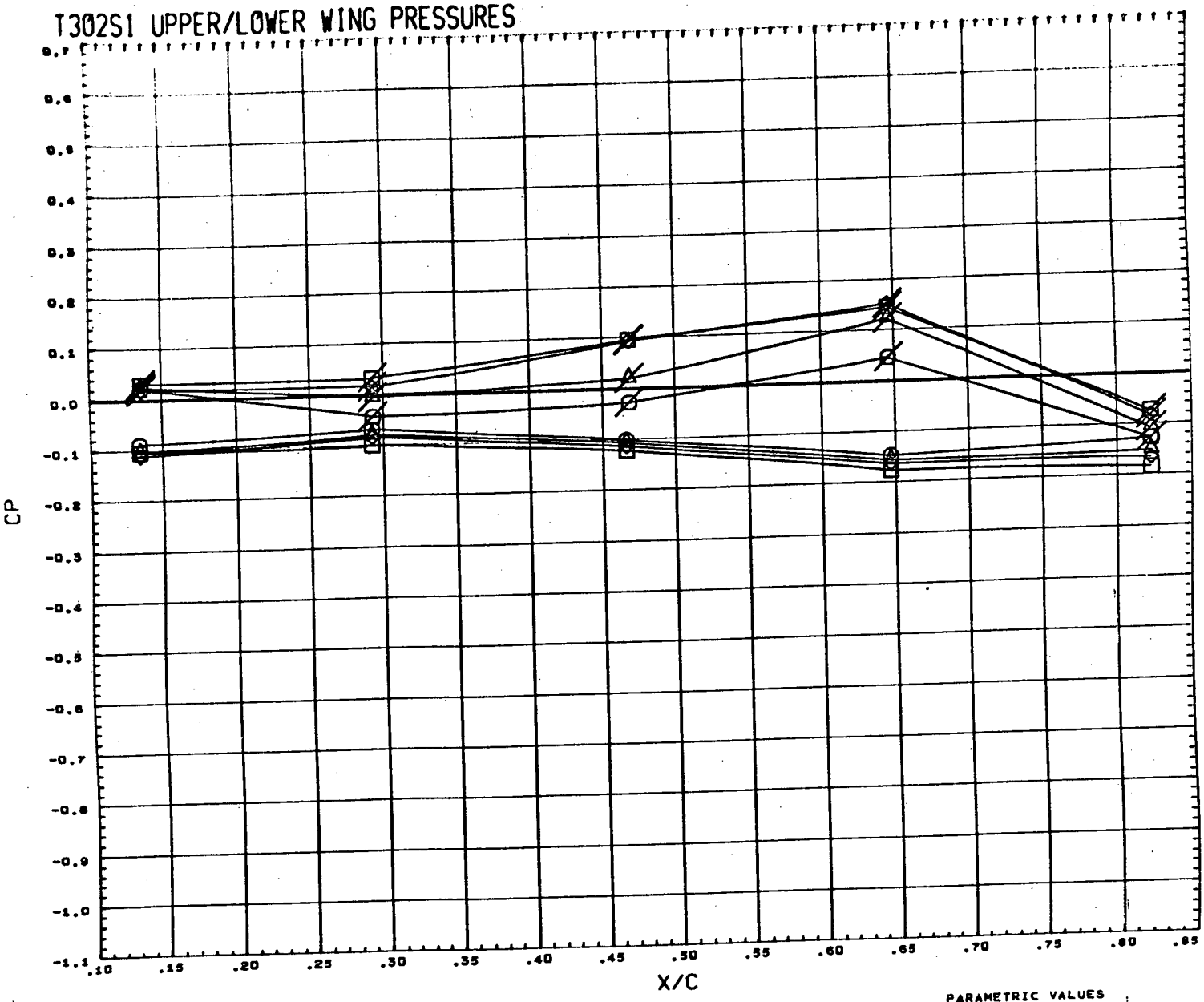
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



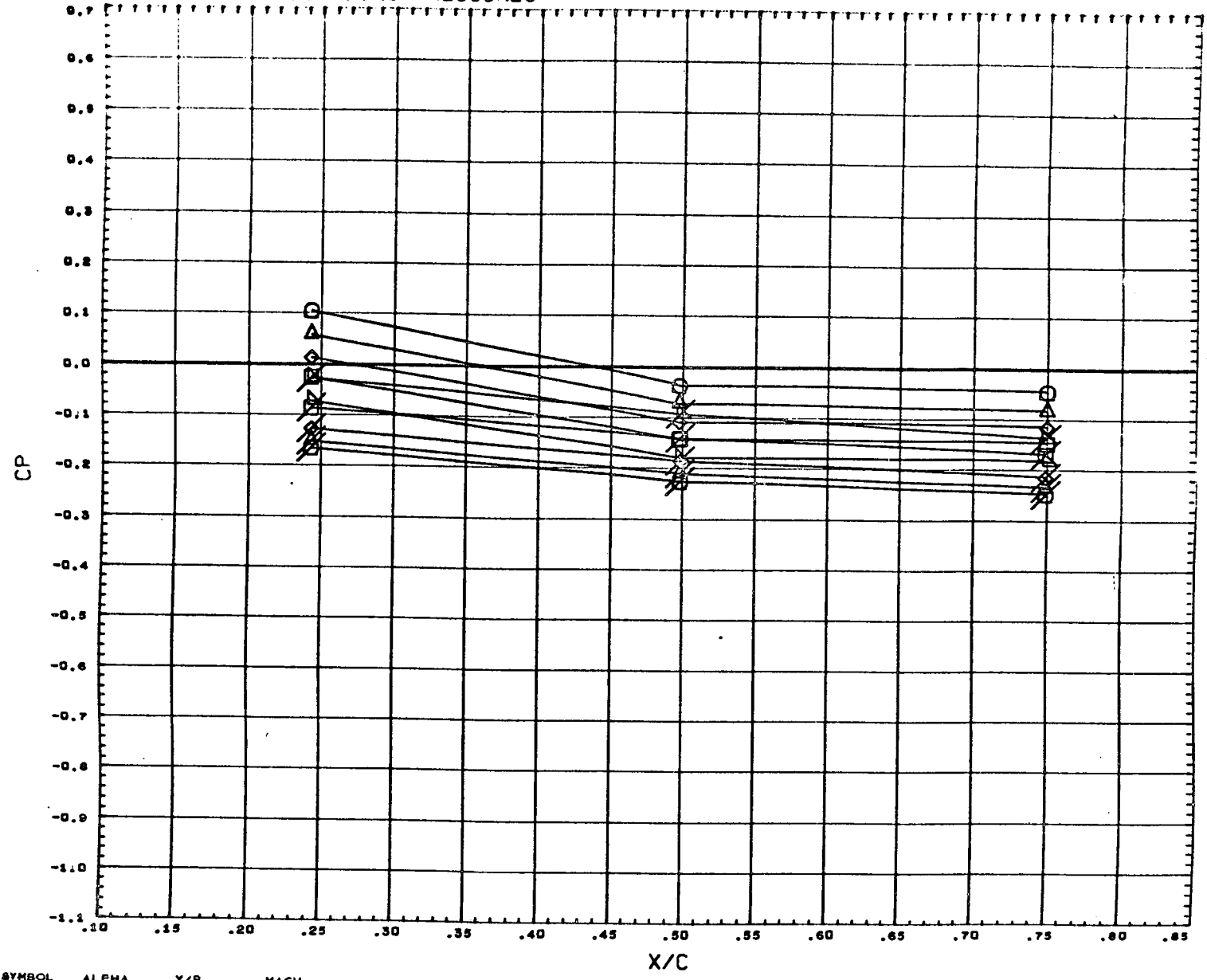
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.951
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.951
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

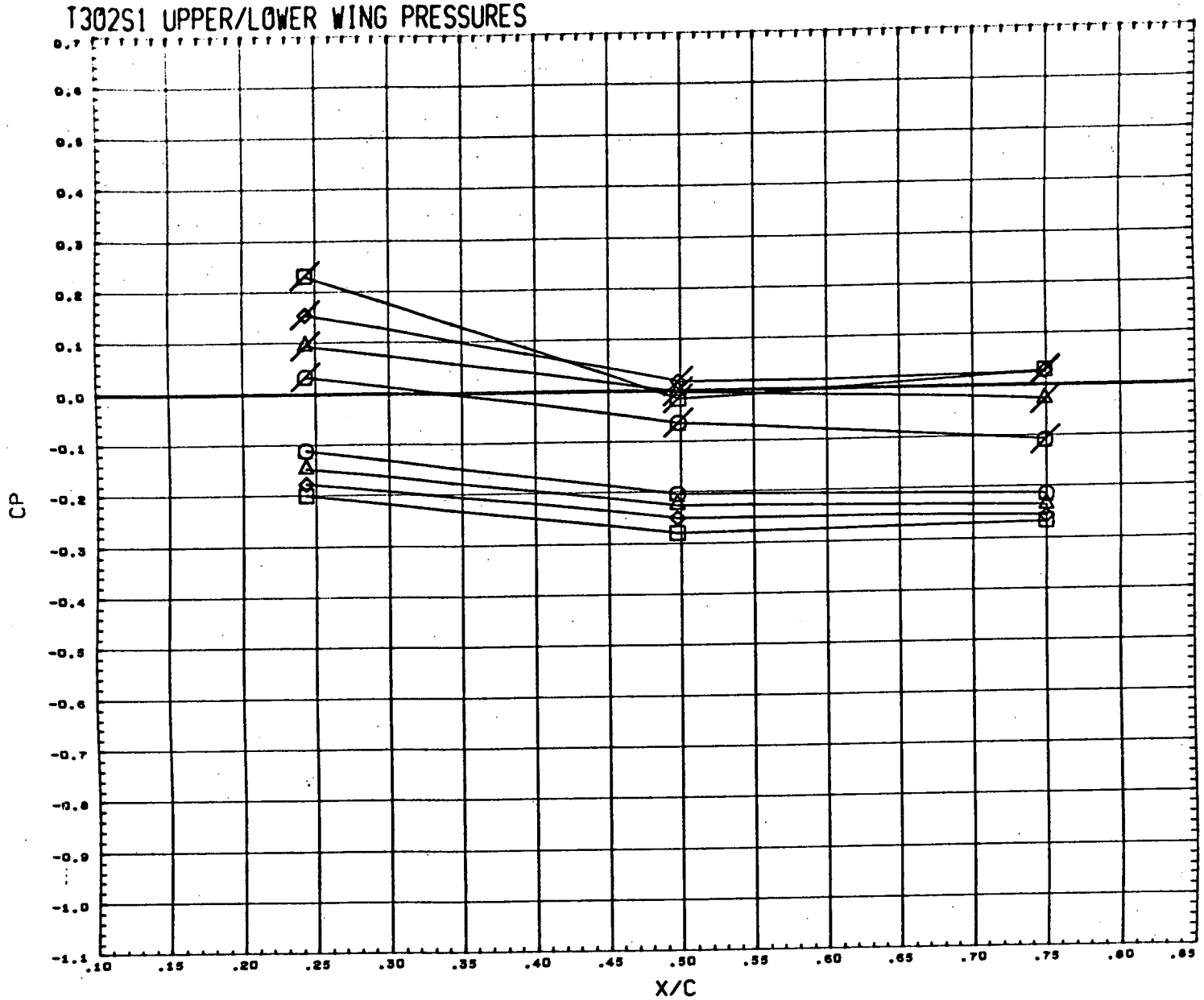
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.951
△	4.000		
◇	6.000		
□	8.000		

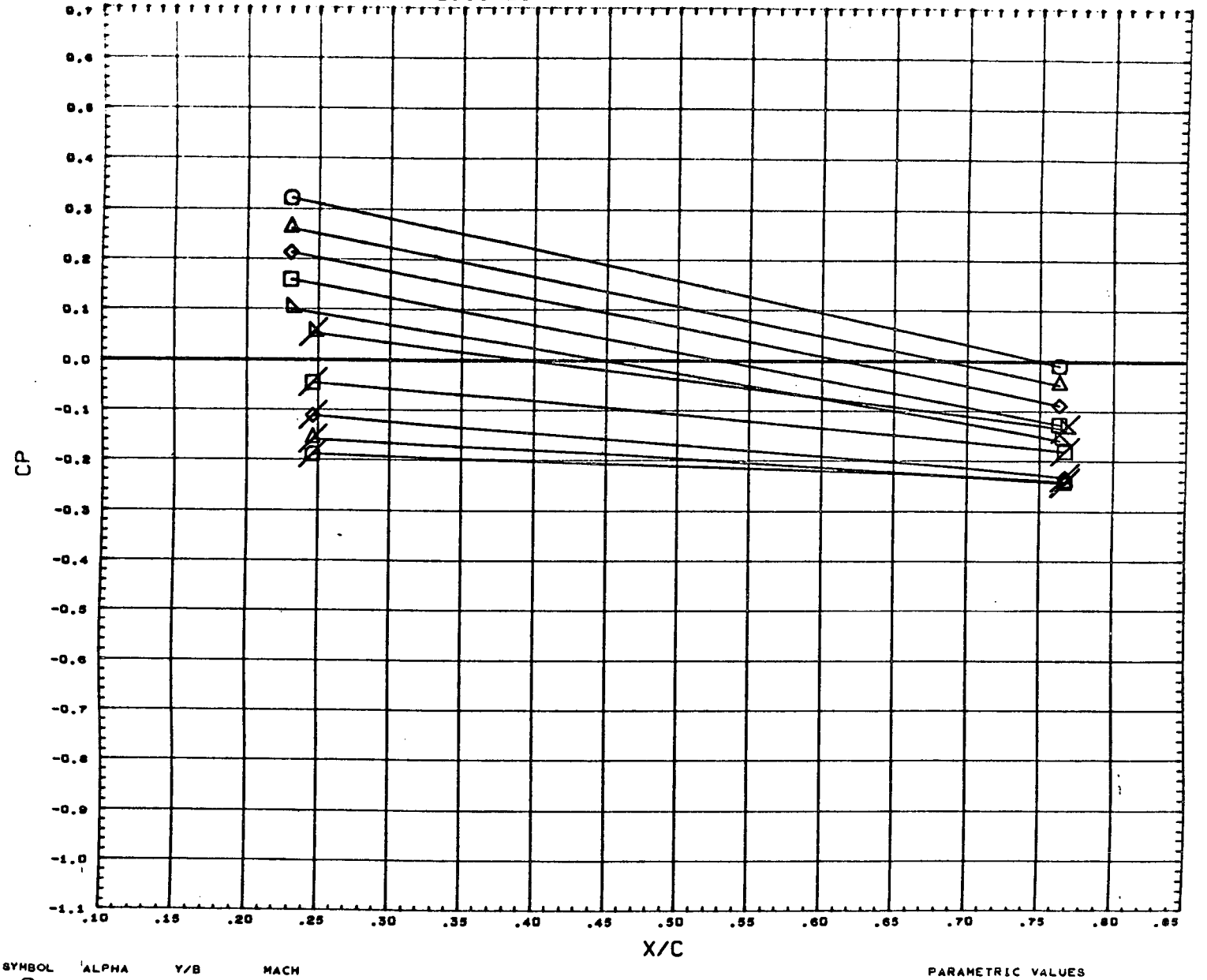
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



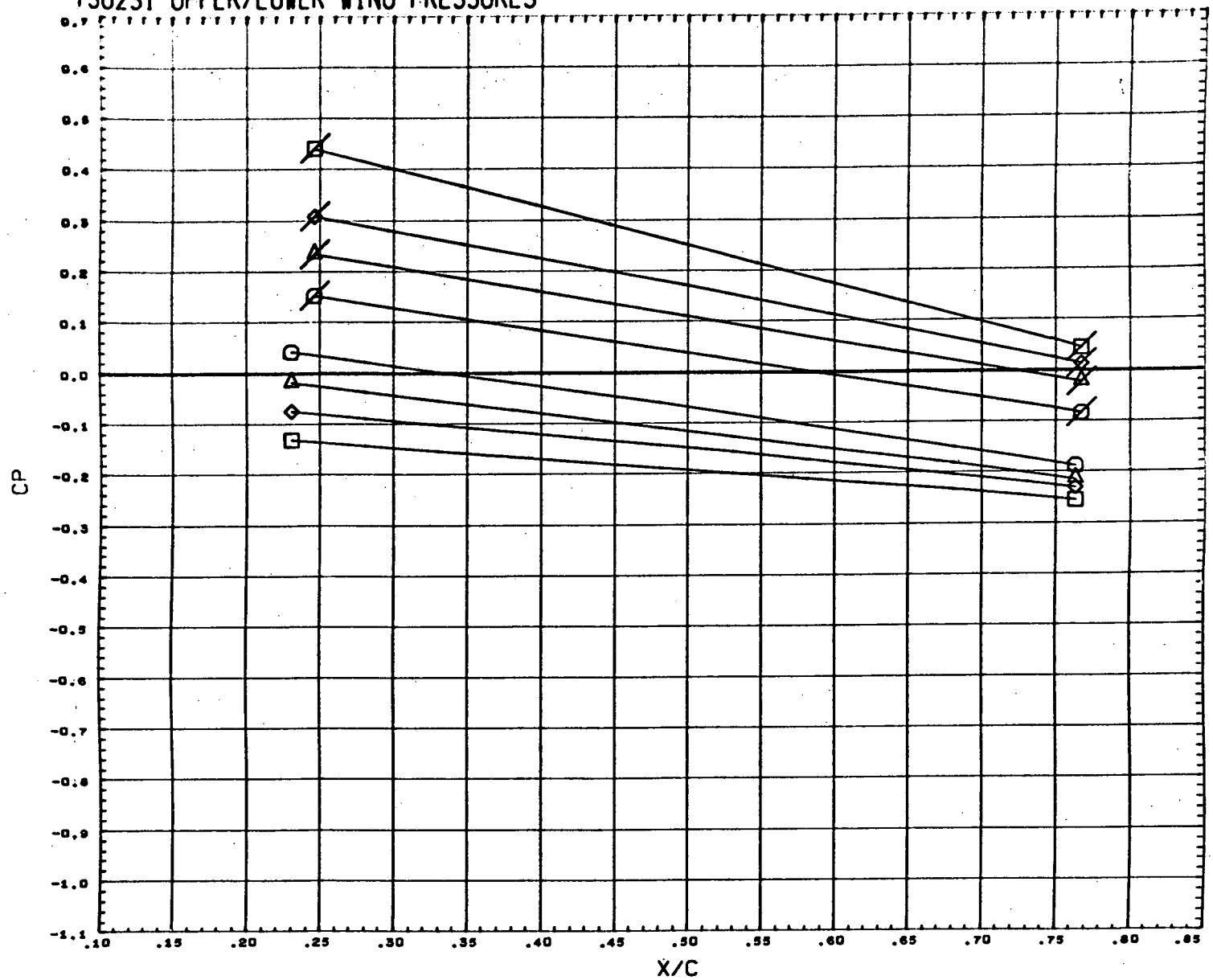
SYMBOL	ALPHA	Y/B	MACH
○△	8.000	0.845	1.951
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	1.951
△	4.000		
◇	6.000		
□	8.000		

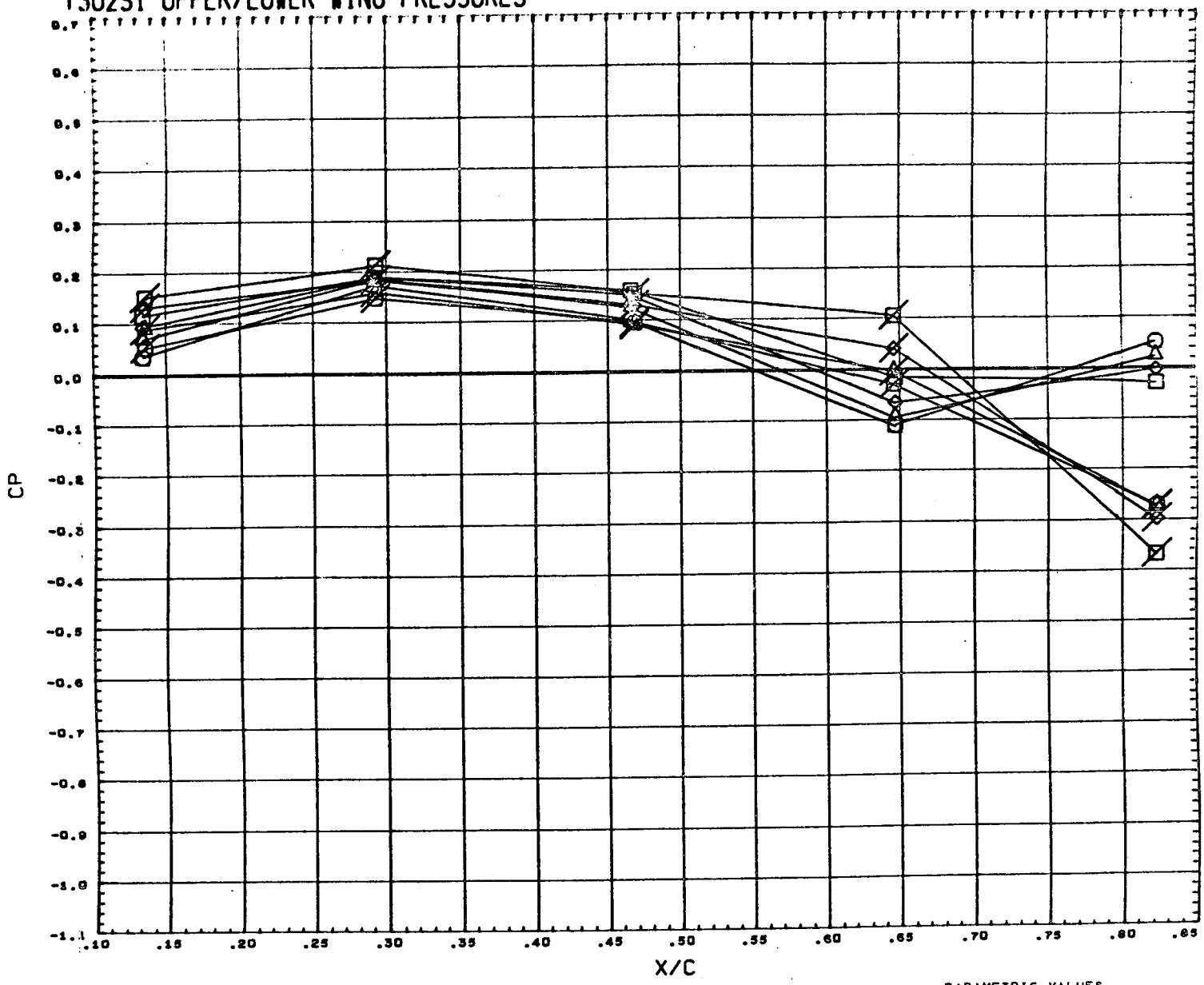
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73003)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73003)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

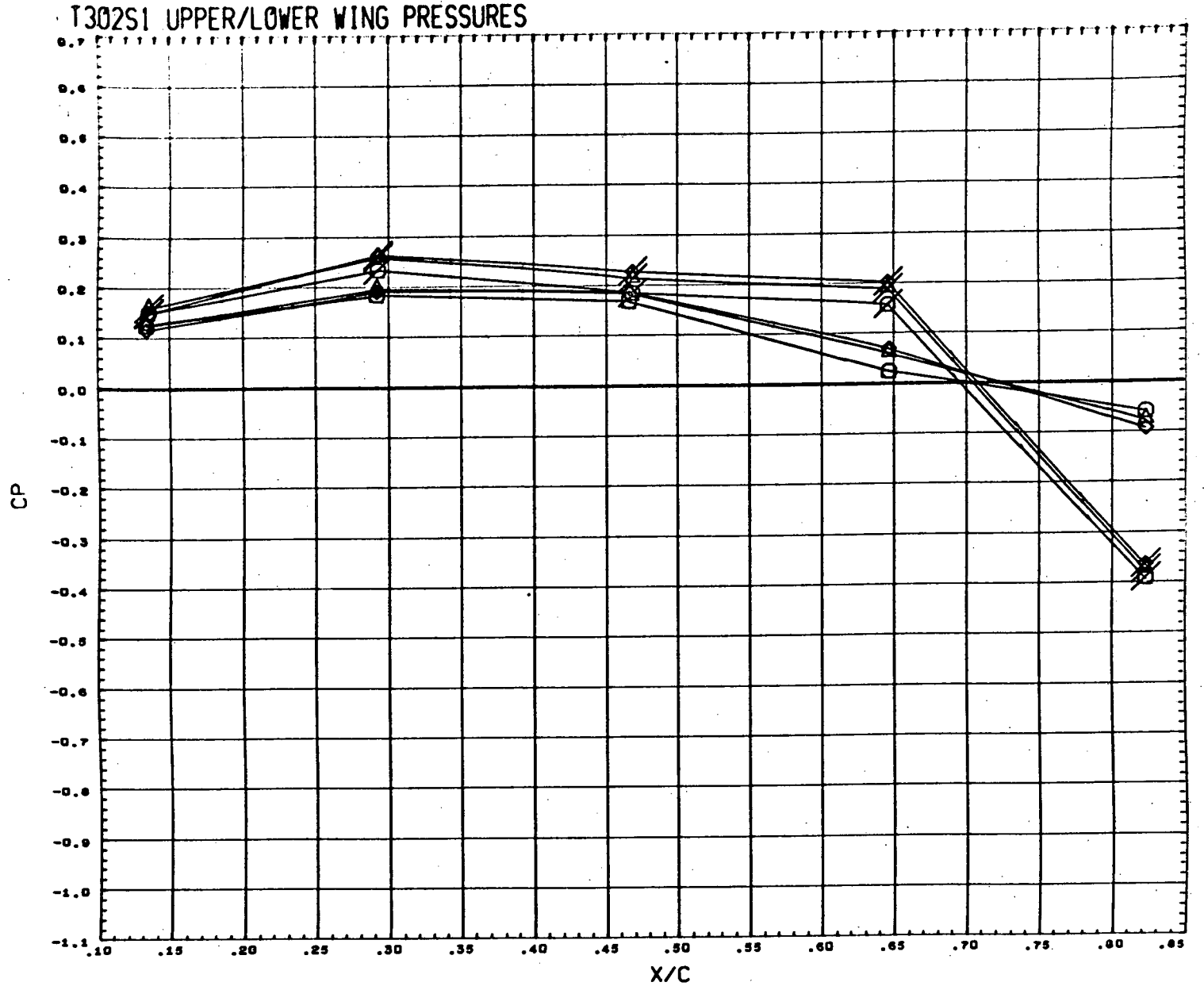
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



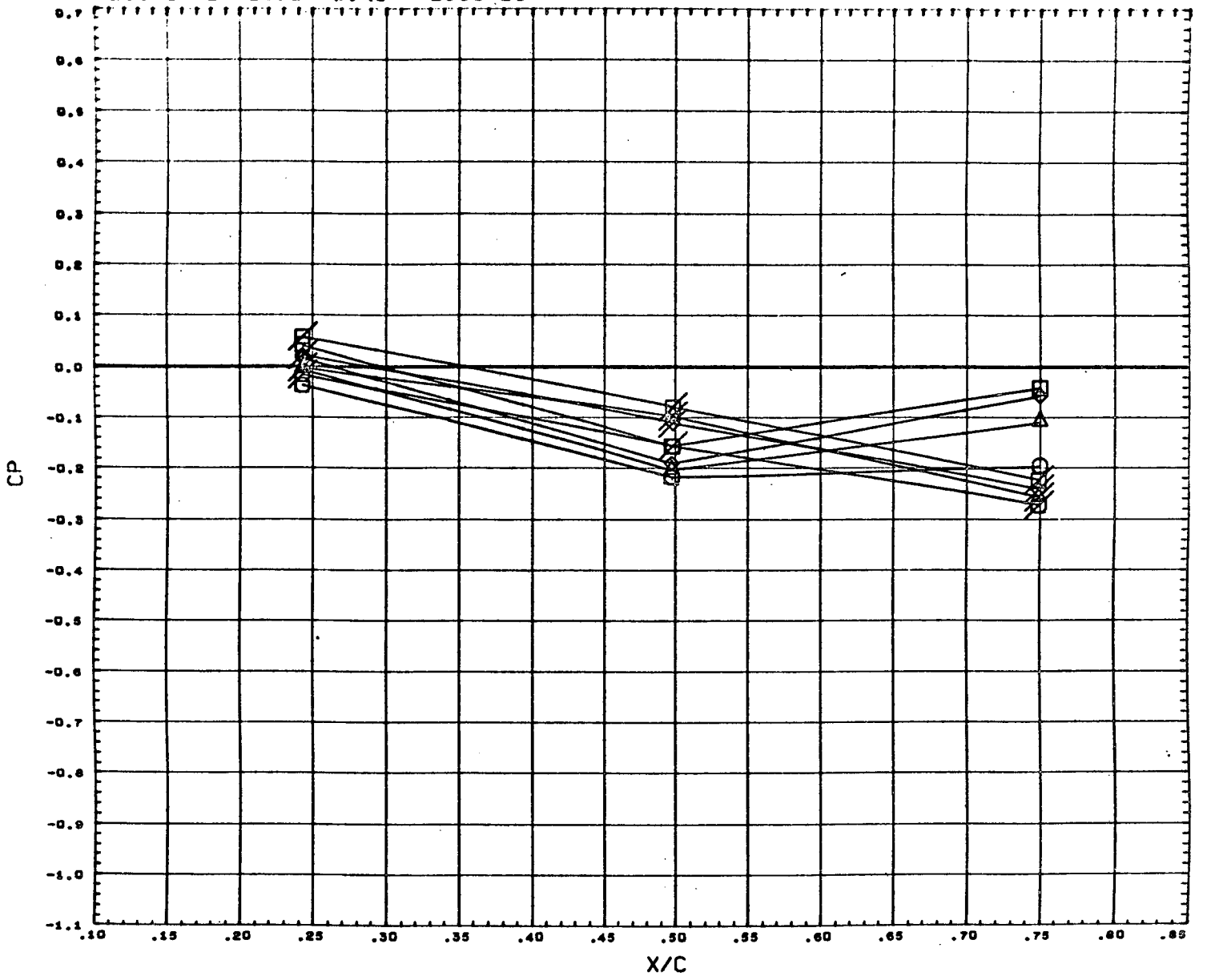
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

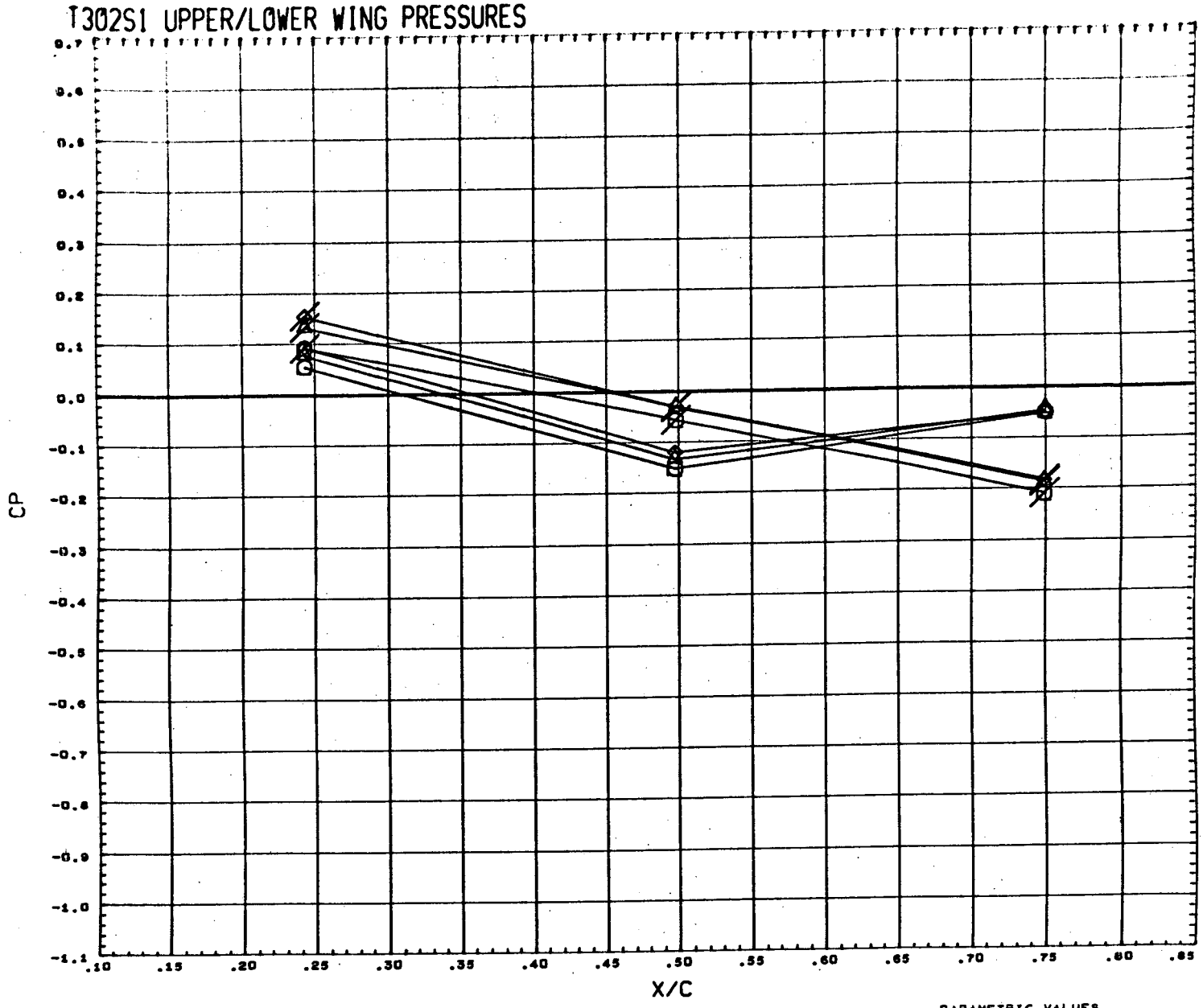
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.195
△	4.000		
◇	6.000		

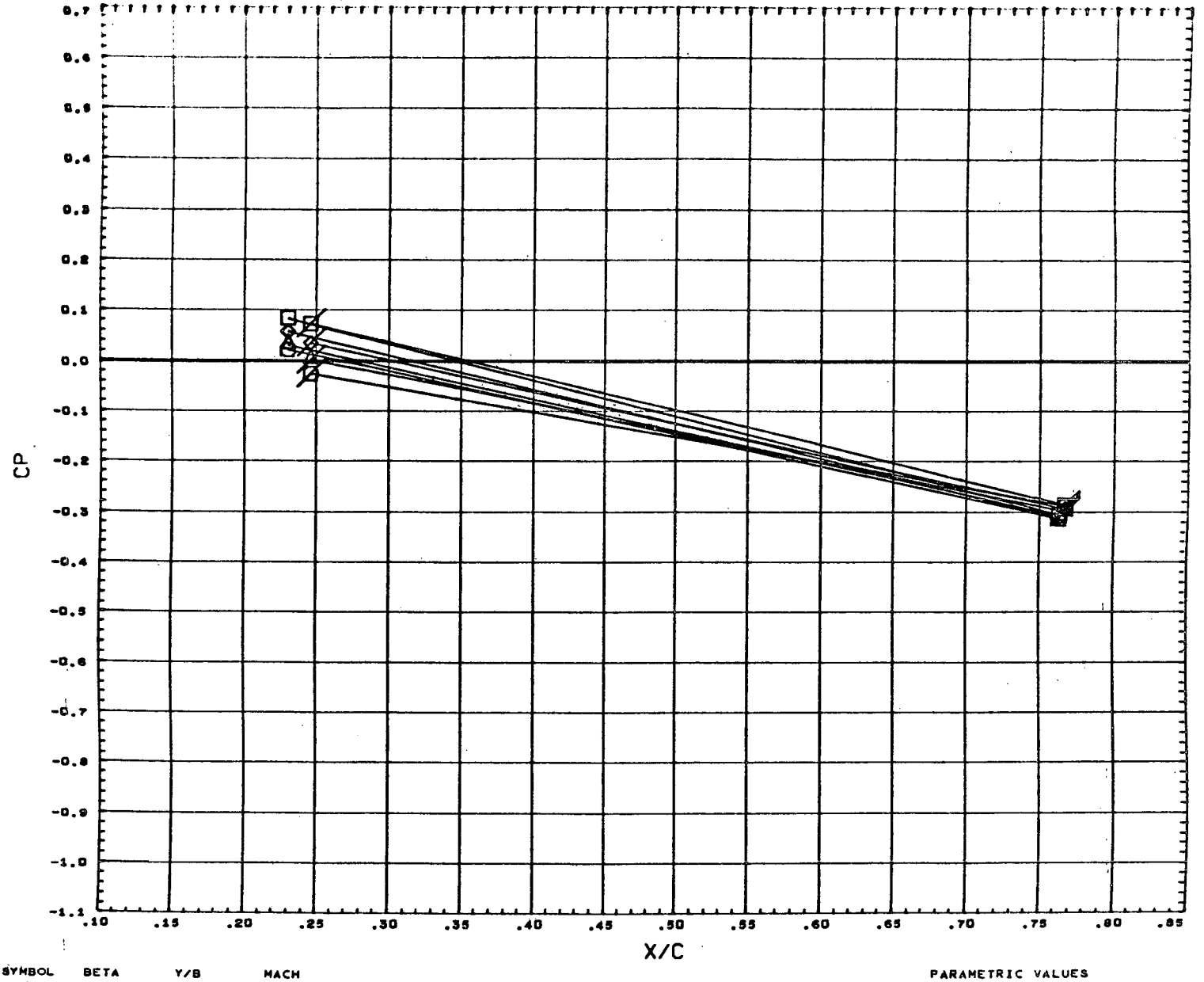
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

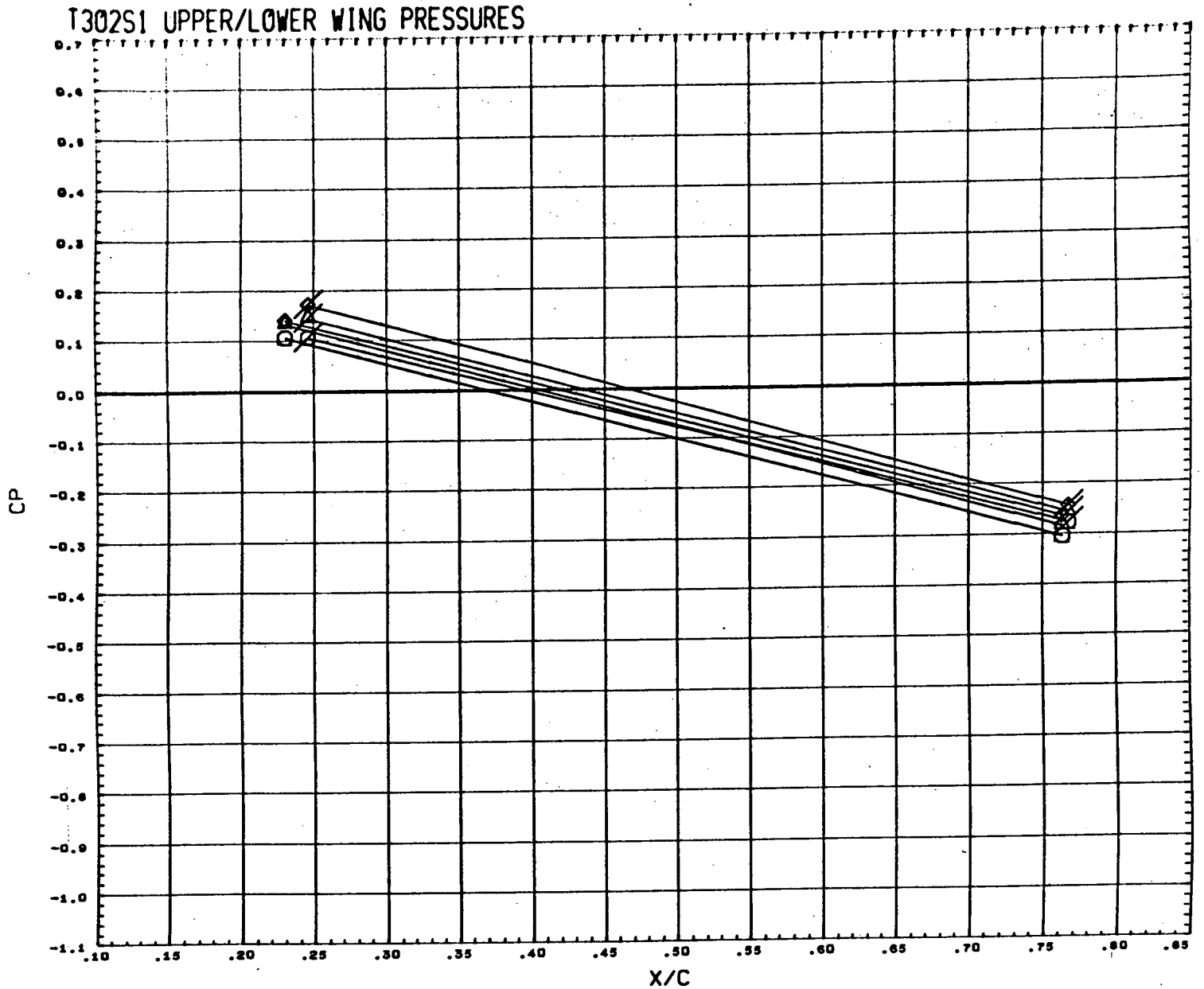
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



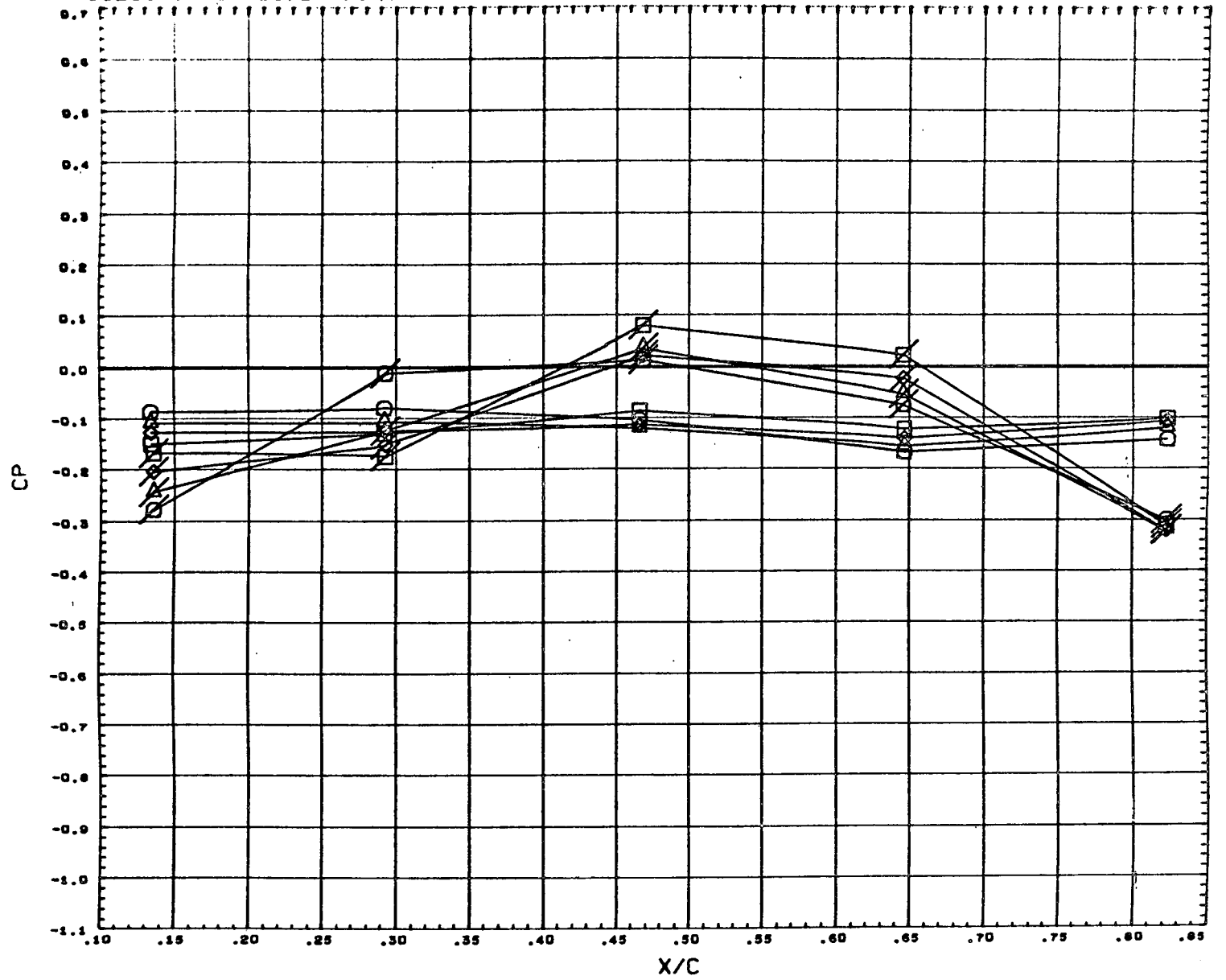
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



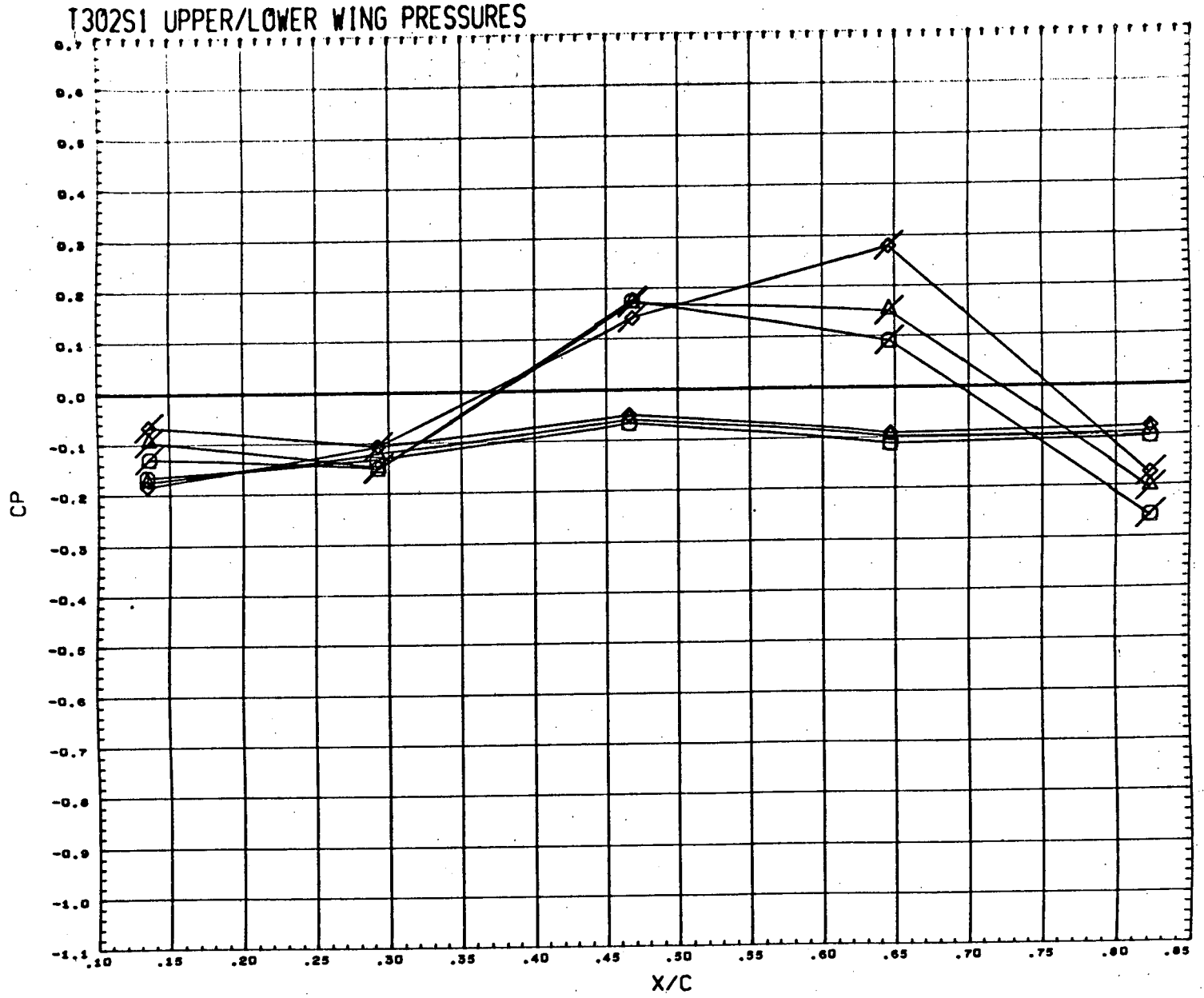
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.457
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



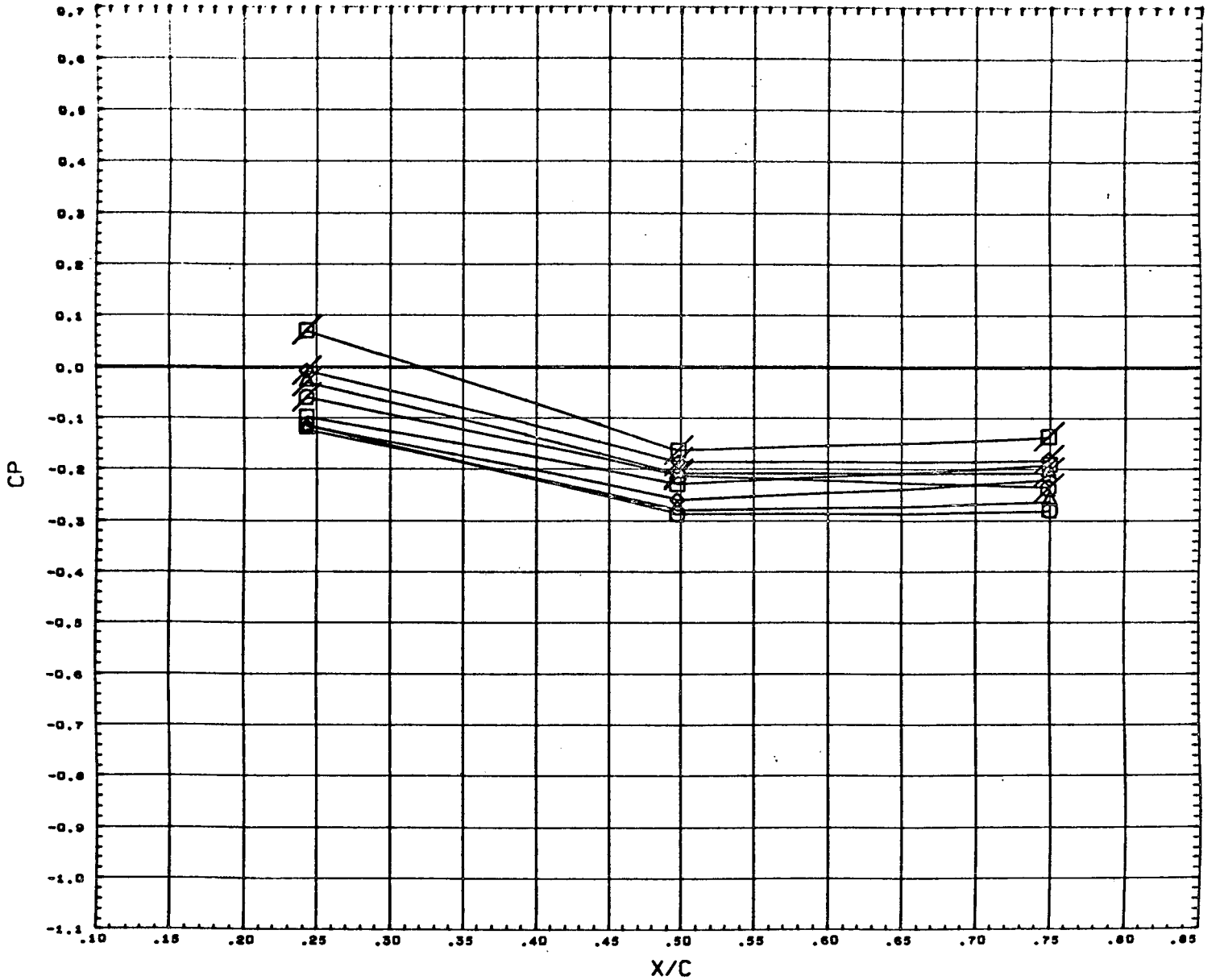
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.457
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.457
△	4.000		
◇	2.000		
□	0.000		

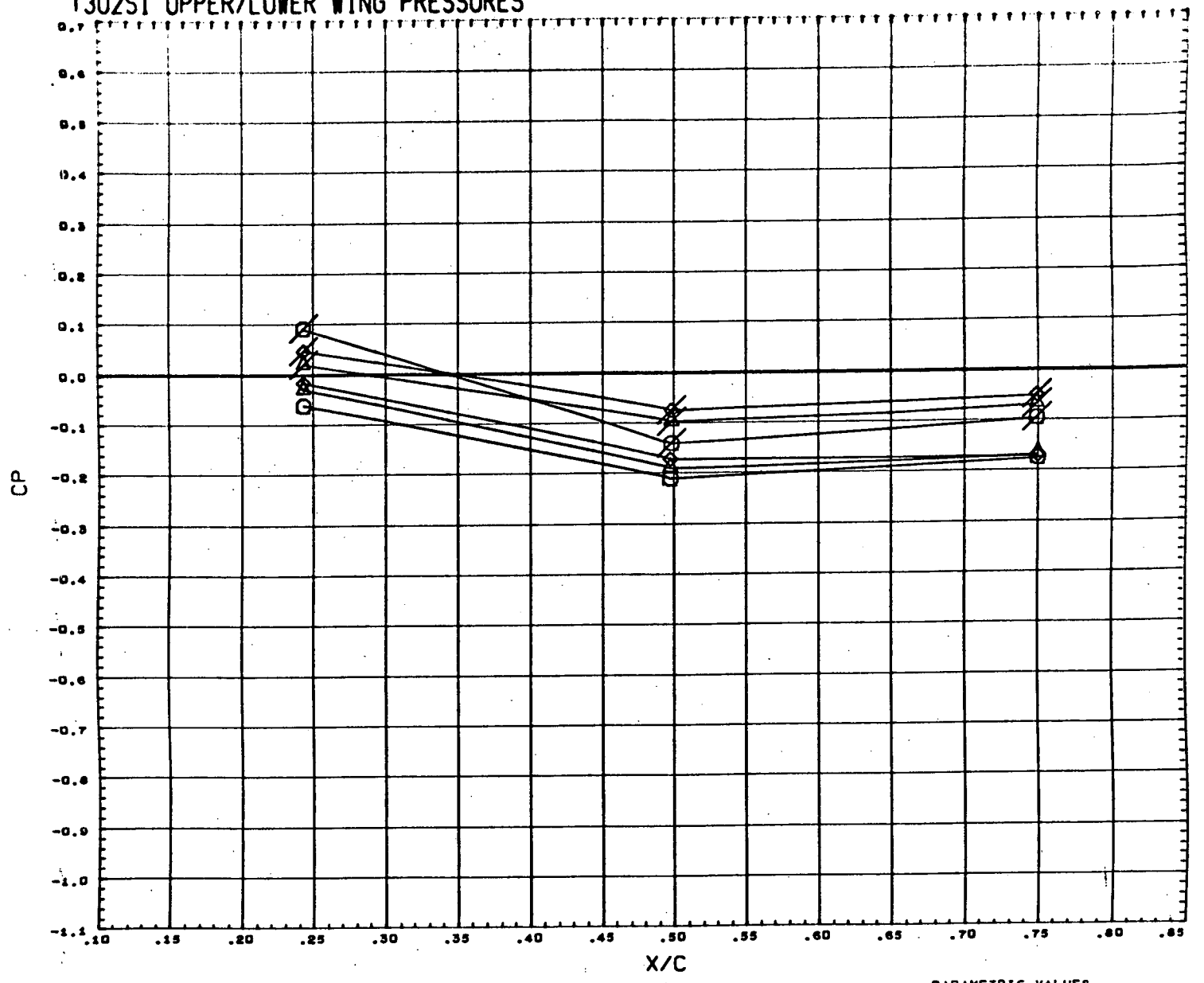
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.457
△	4.000		
◇	6.000		

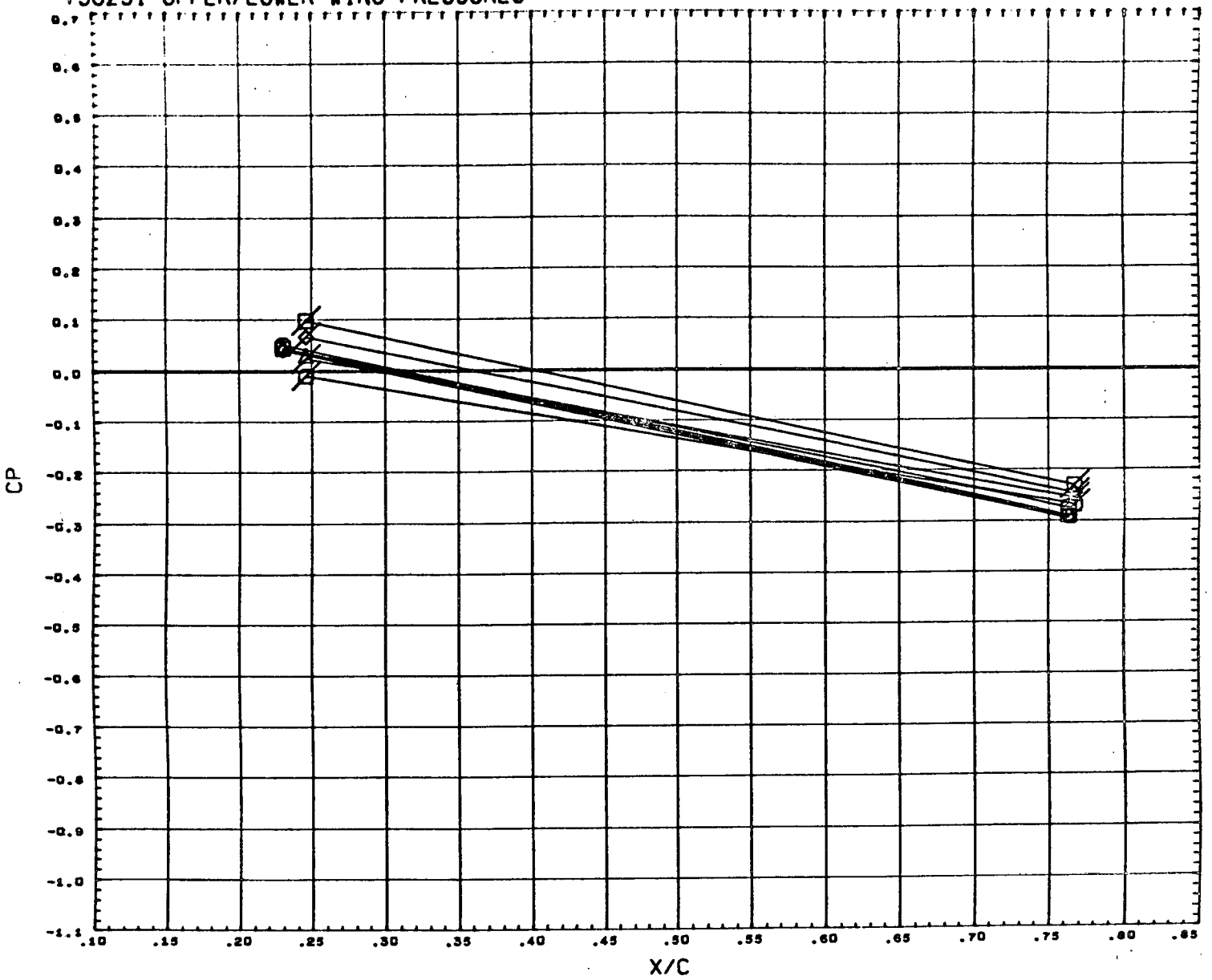
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.457
△	- 4.000		
◇	- 2.000		
□	0.000		

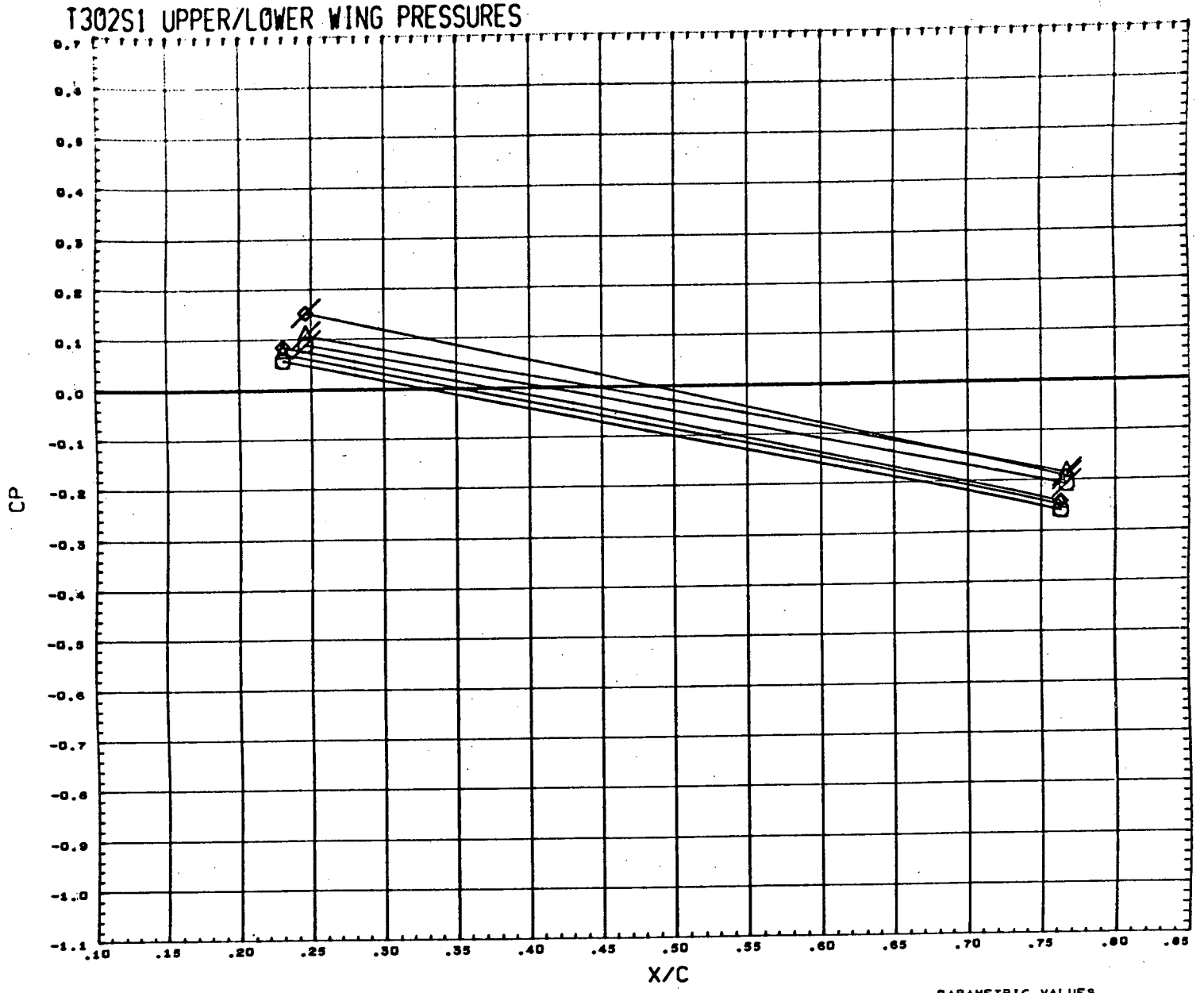
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.457
△	4.000		
◇	6.000		

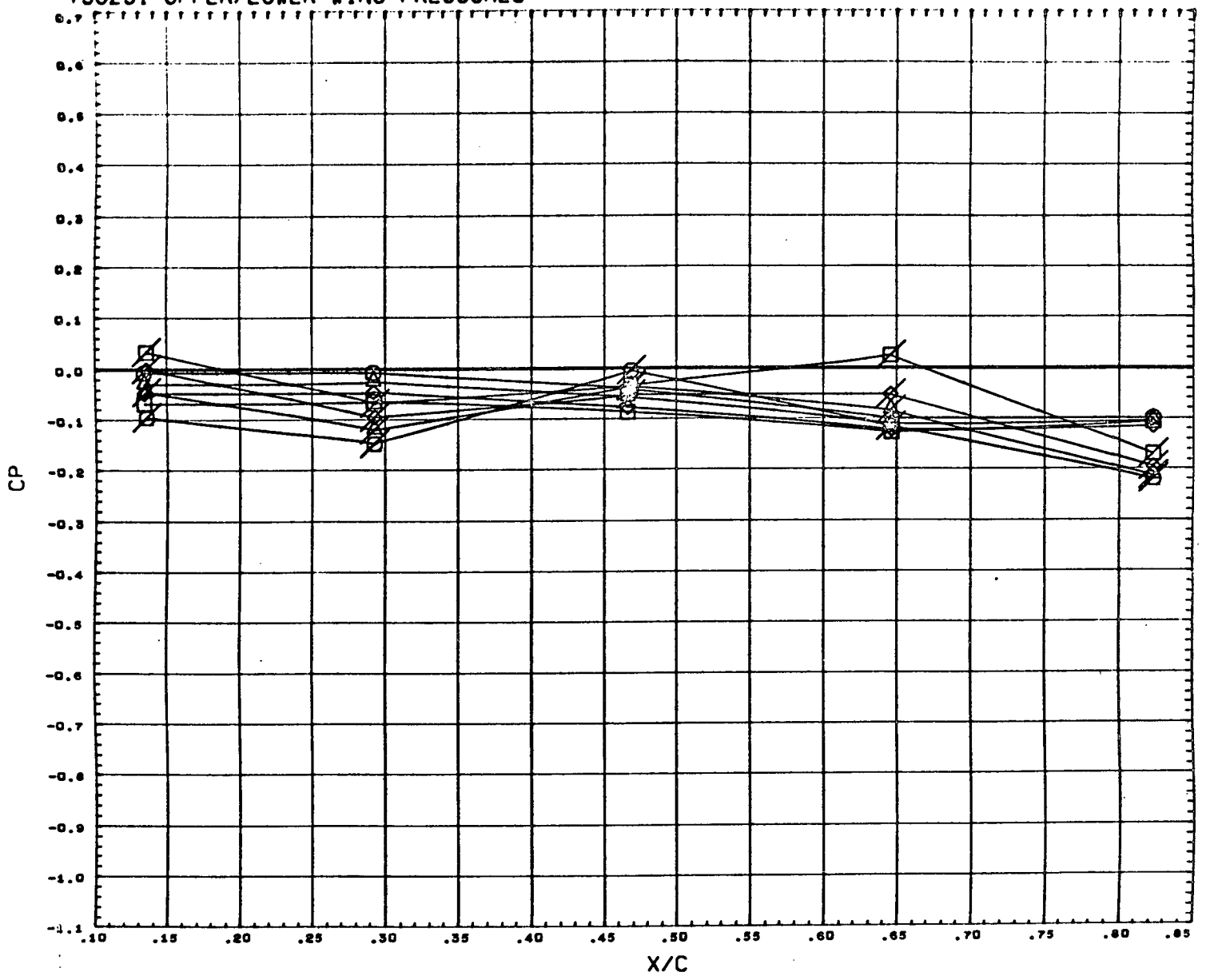
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

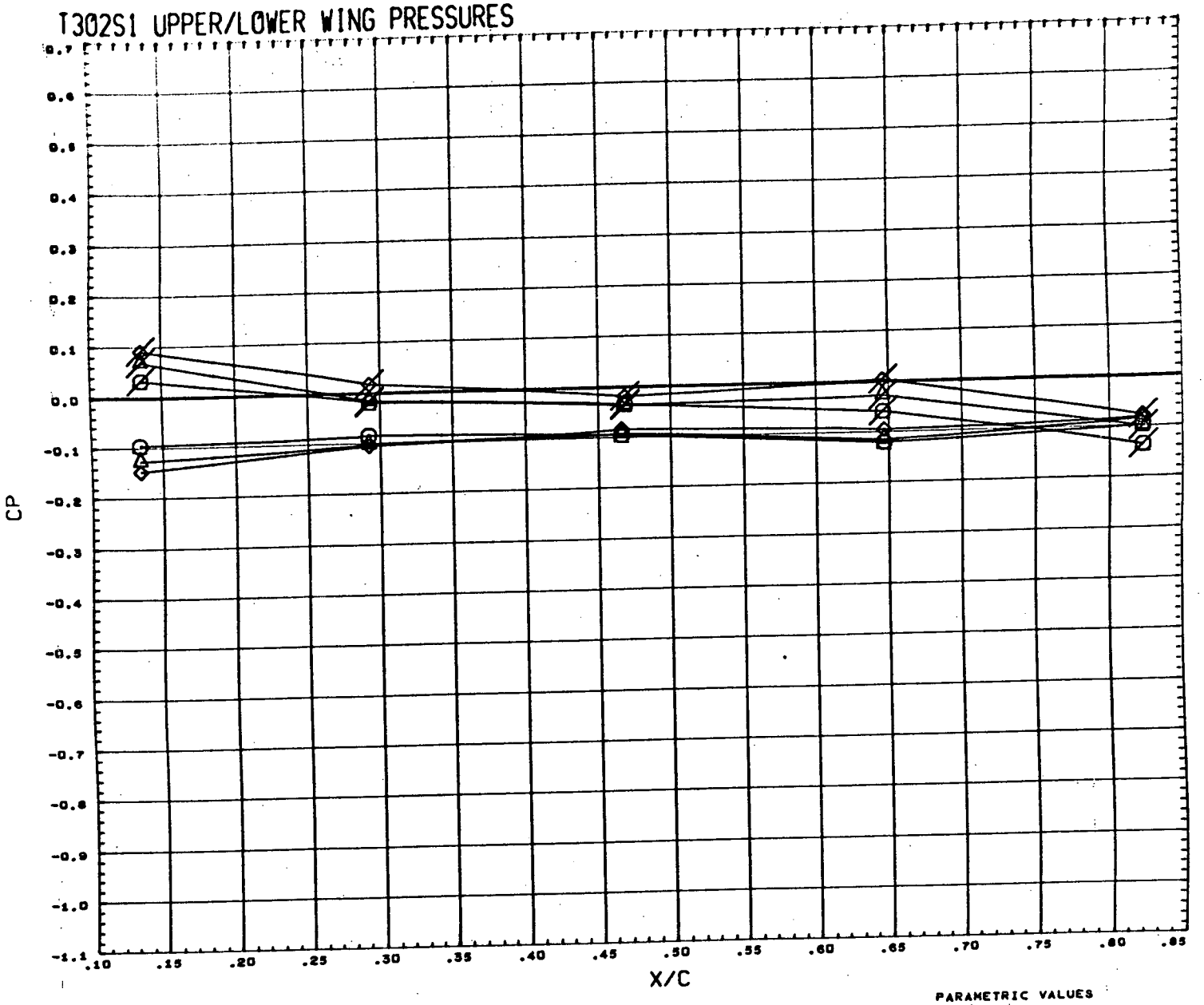
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.957
△	4.000		
◇	6.000		

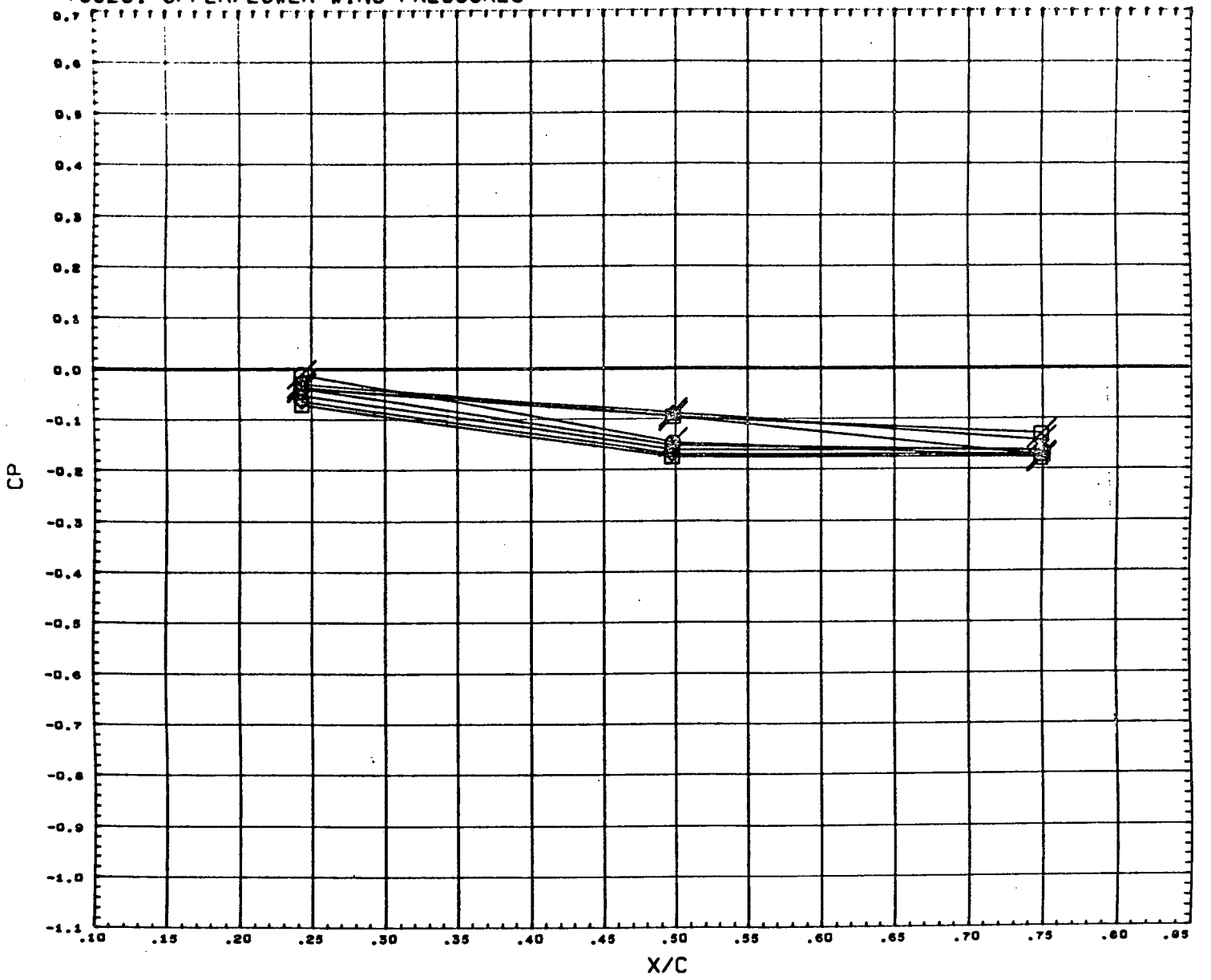
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

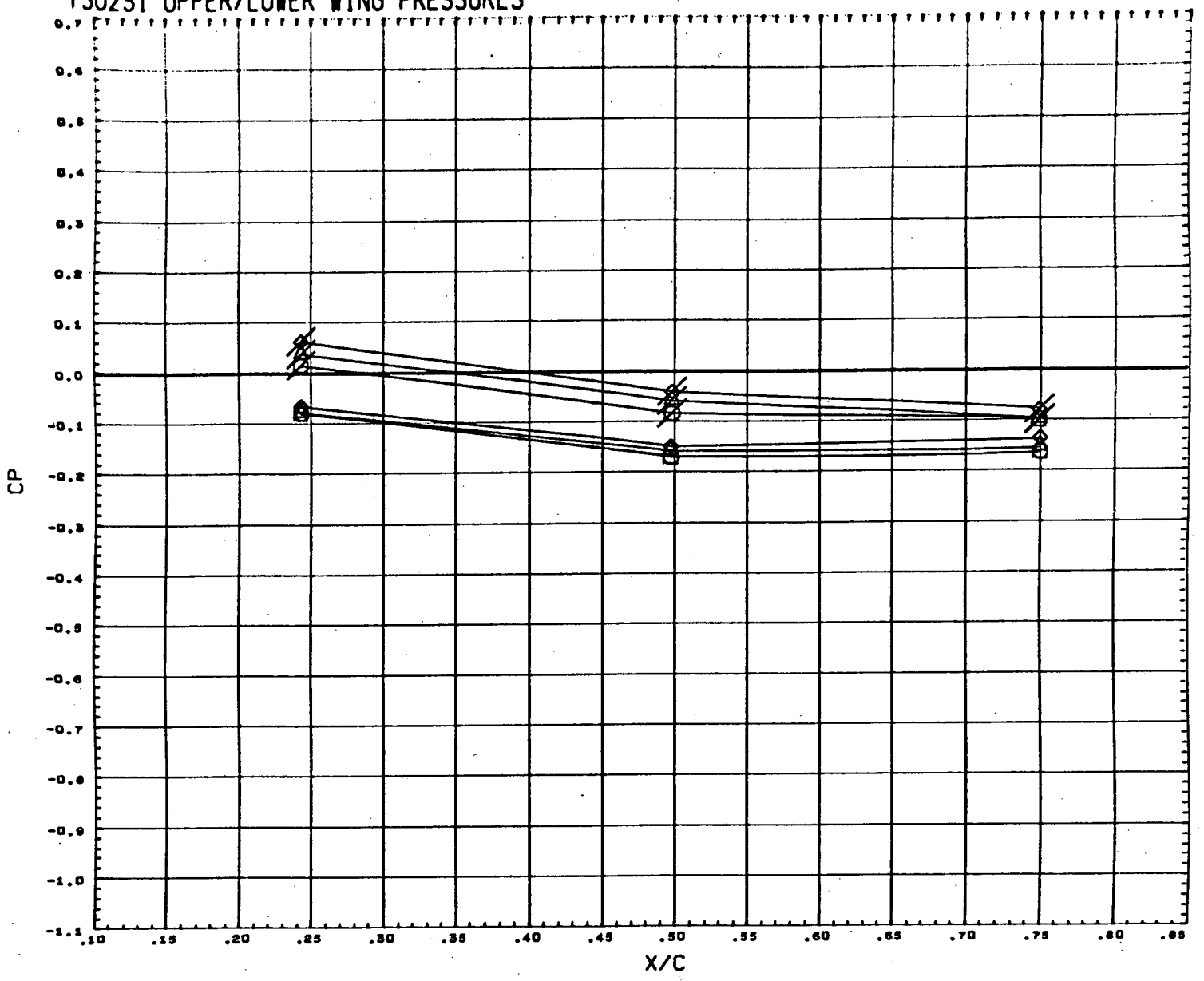
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.957
△	4.000		
◇	6.000		

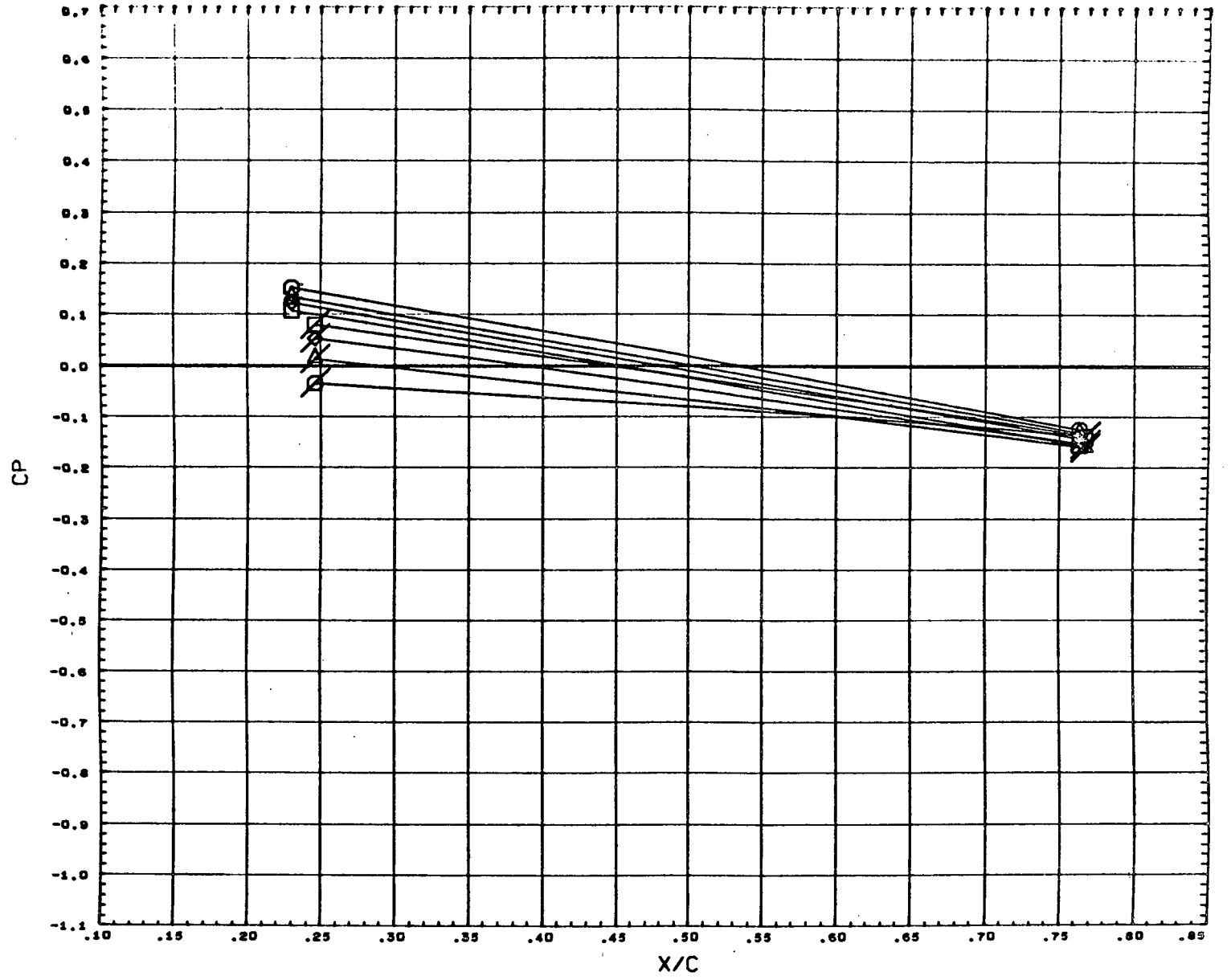
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.645	1.957
△	4.000		
◇	2.000		
□	0.000		

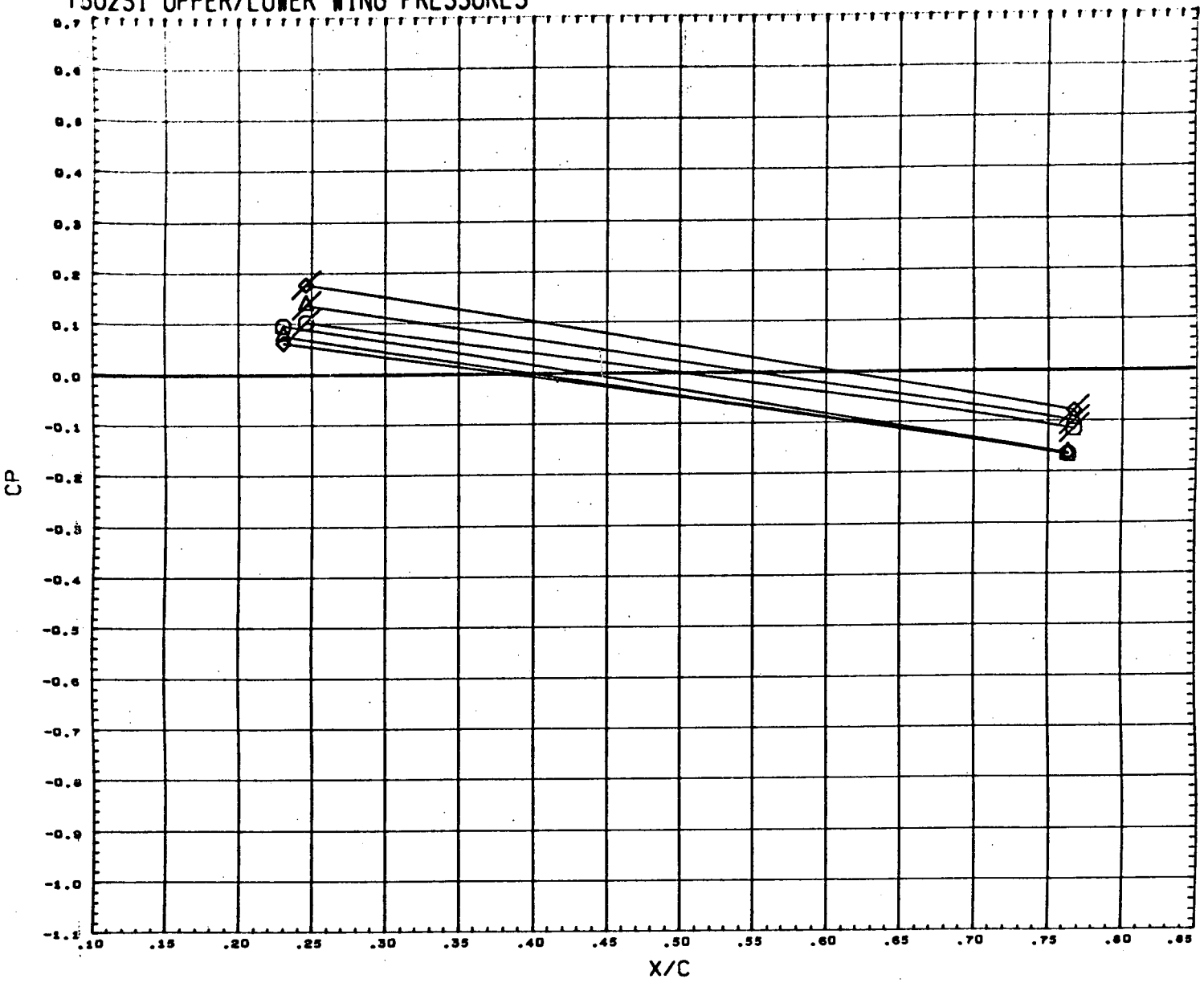
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.957
△	4.000		
◇	6.000		

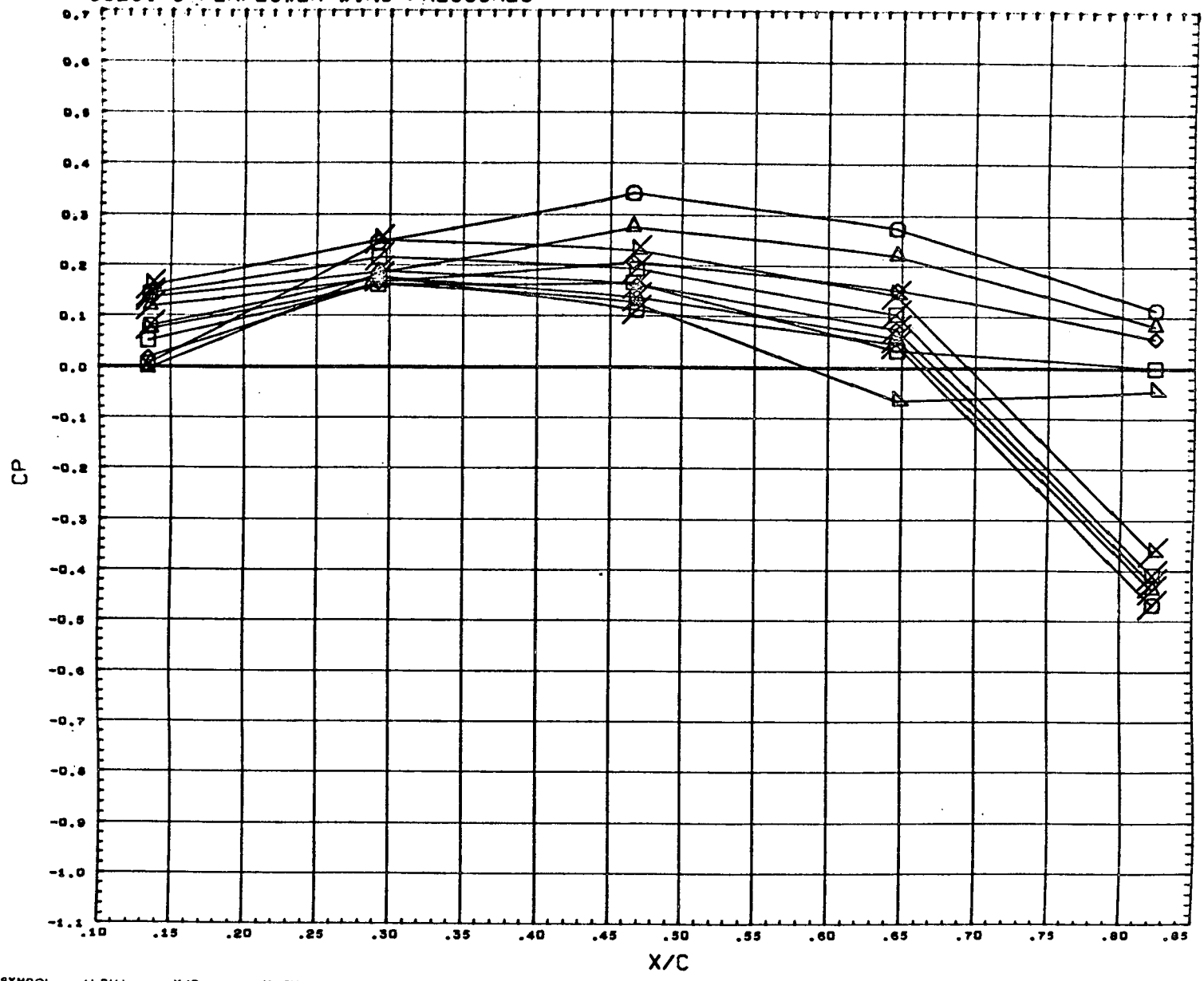
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73004)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73004)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



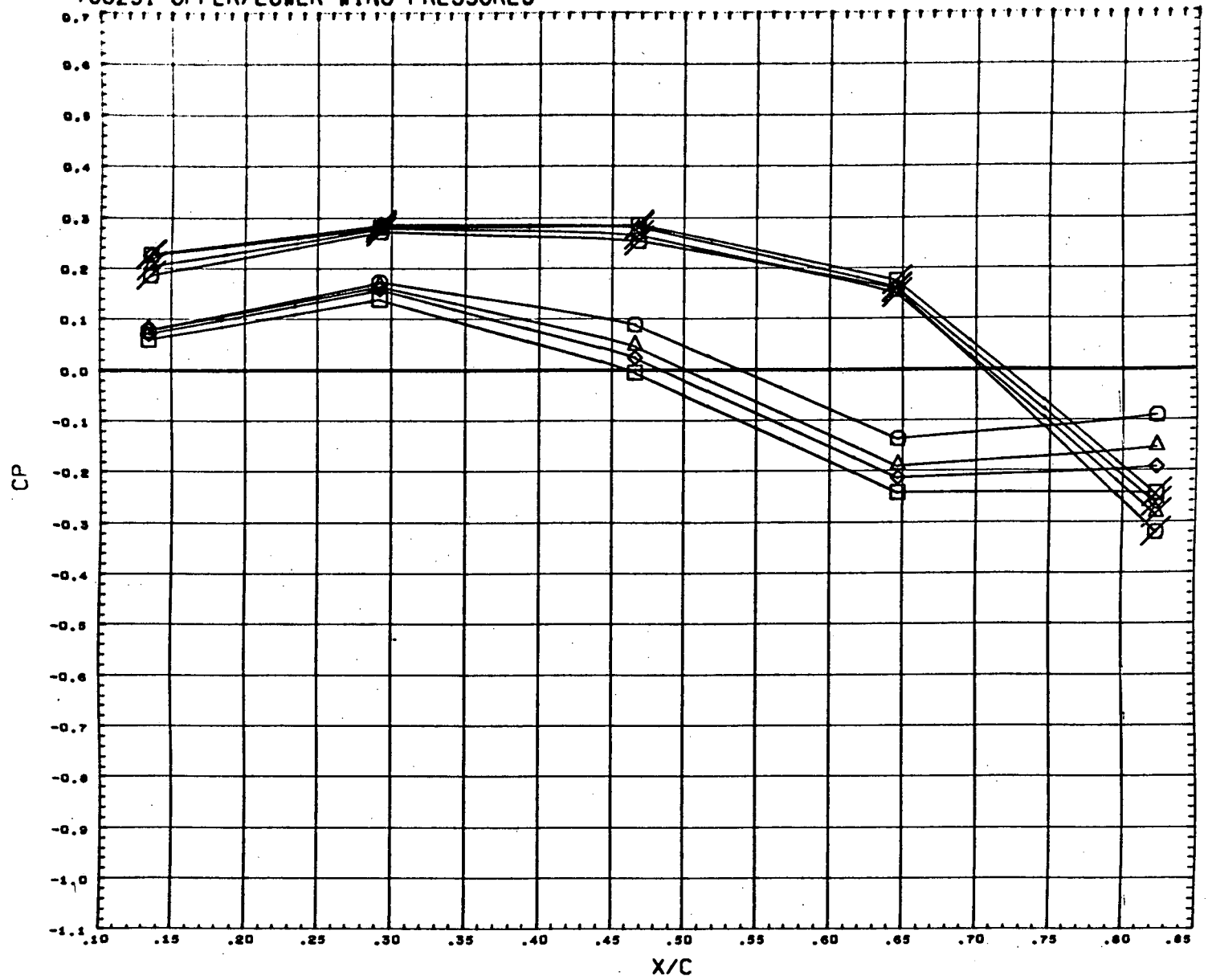
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.195
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



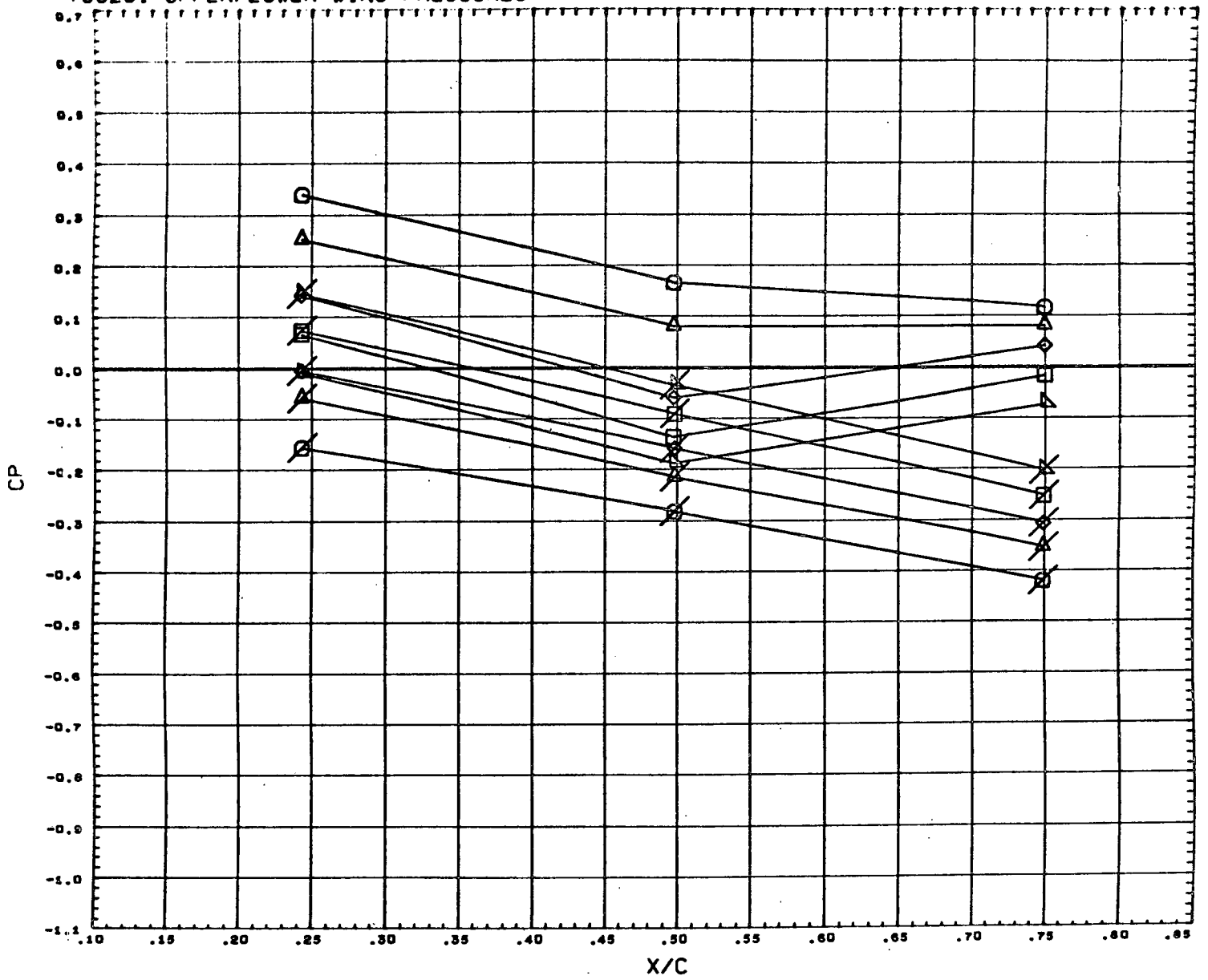
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



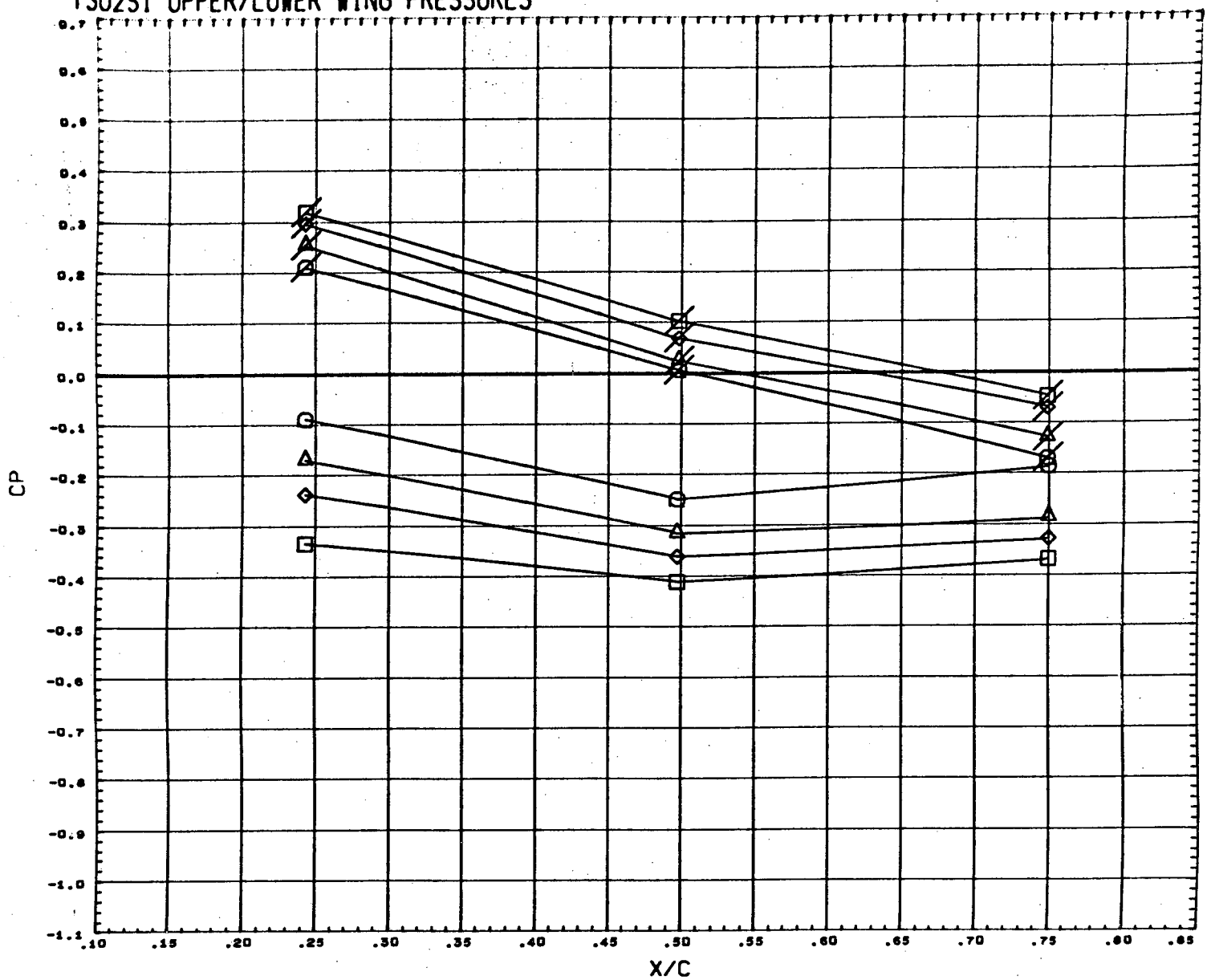
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.195
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



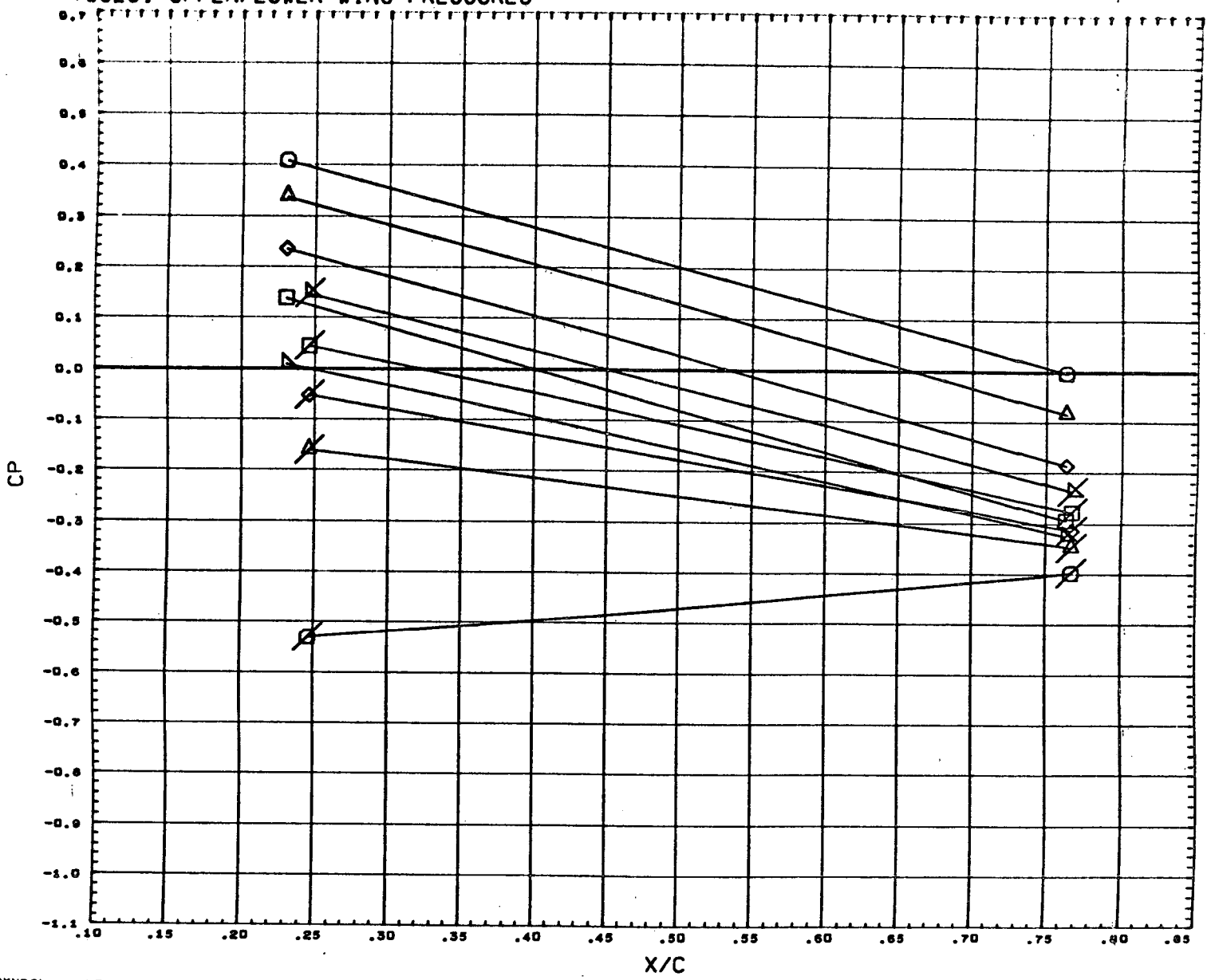
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



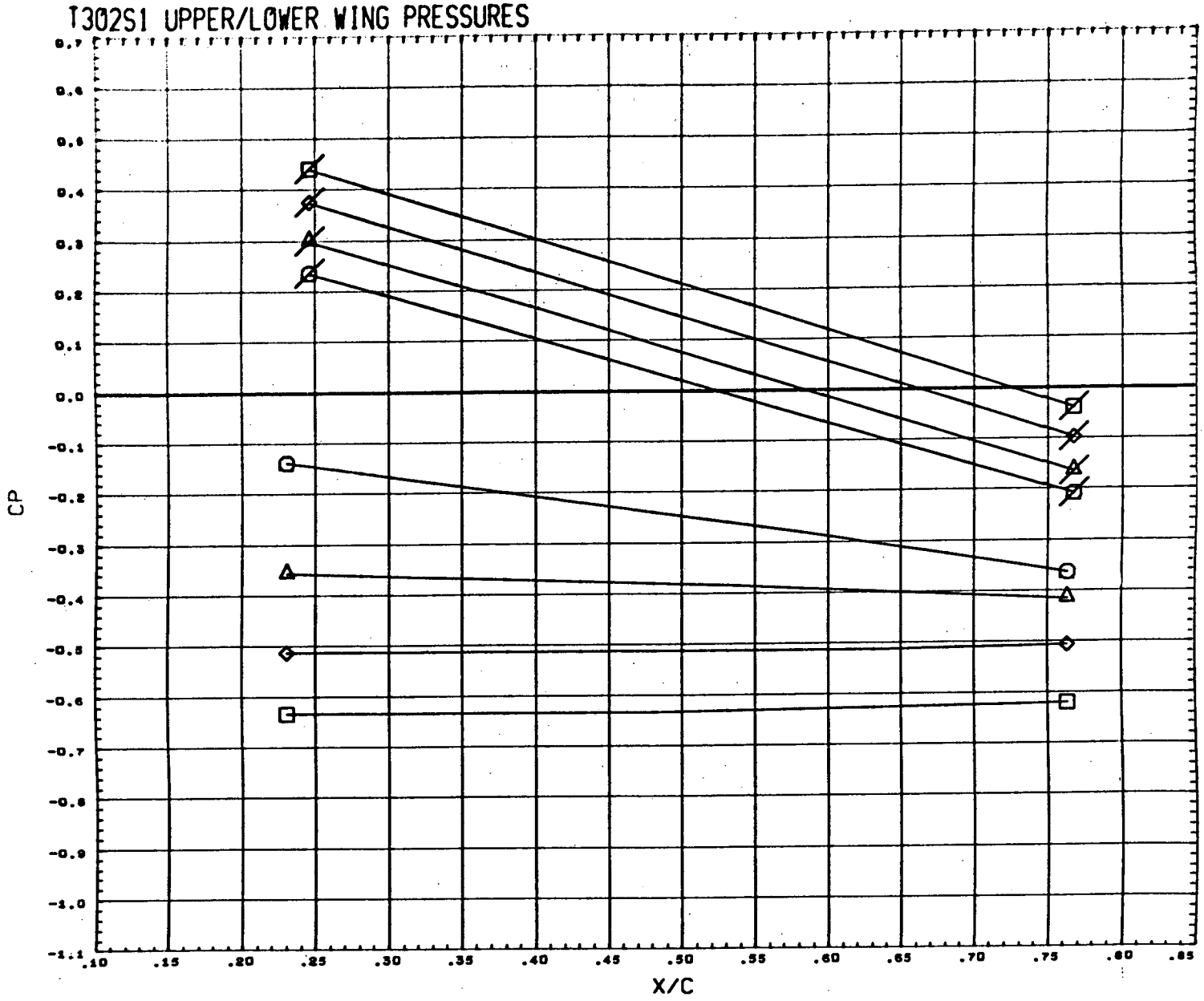
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.195
△	6.000		
◇	4.000		
□	2.000		
↖	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



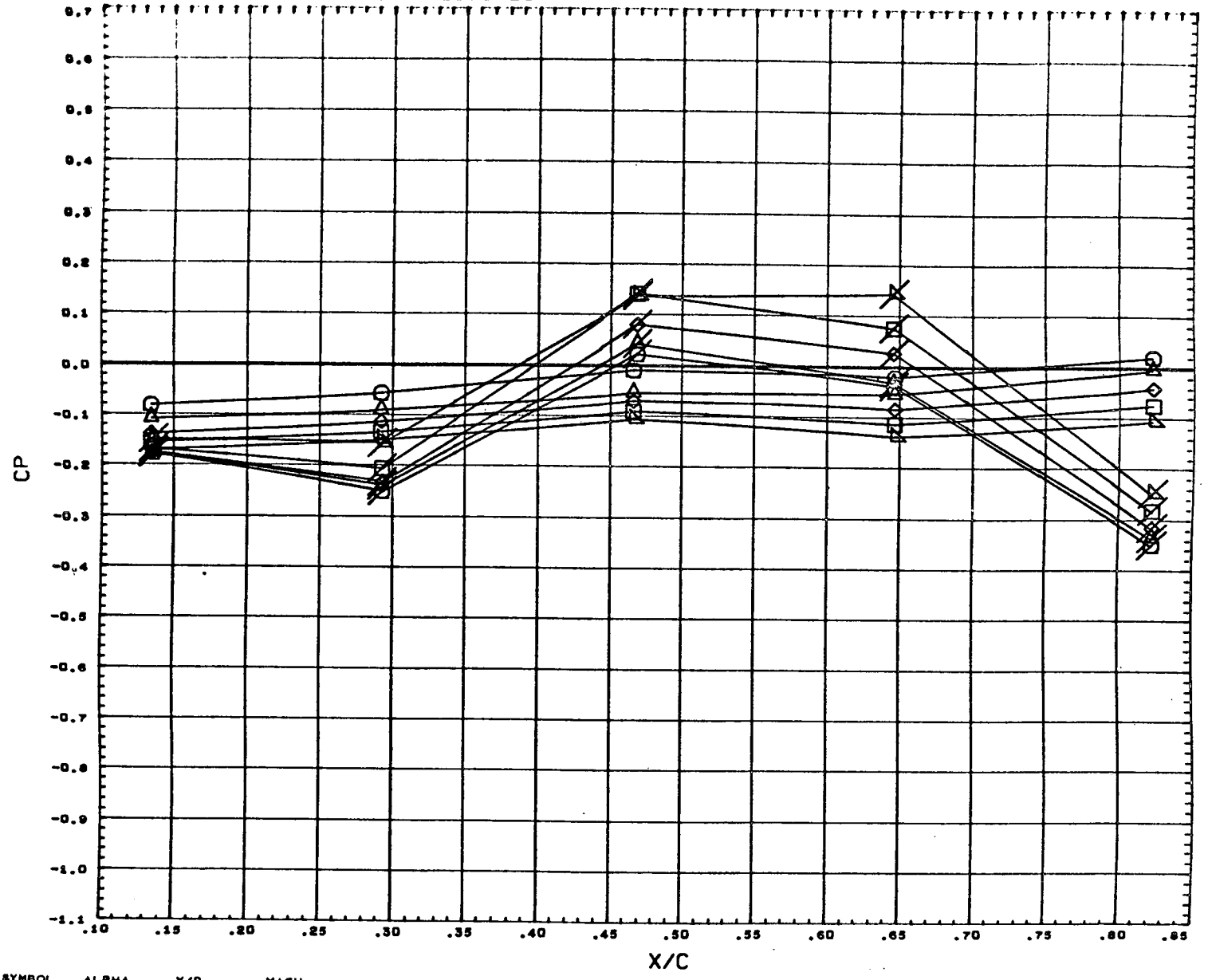
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



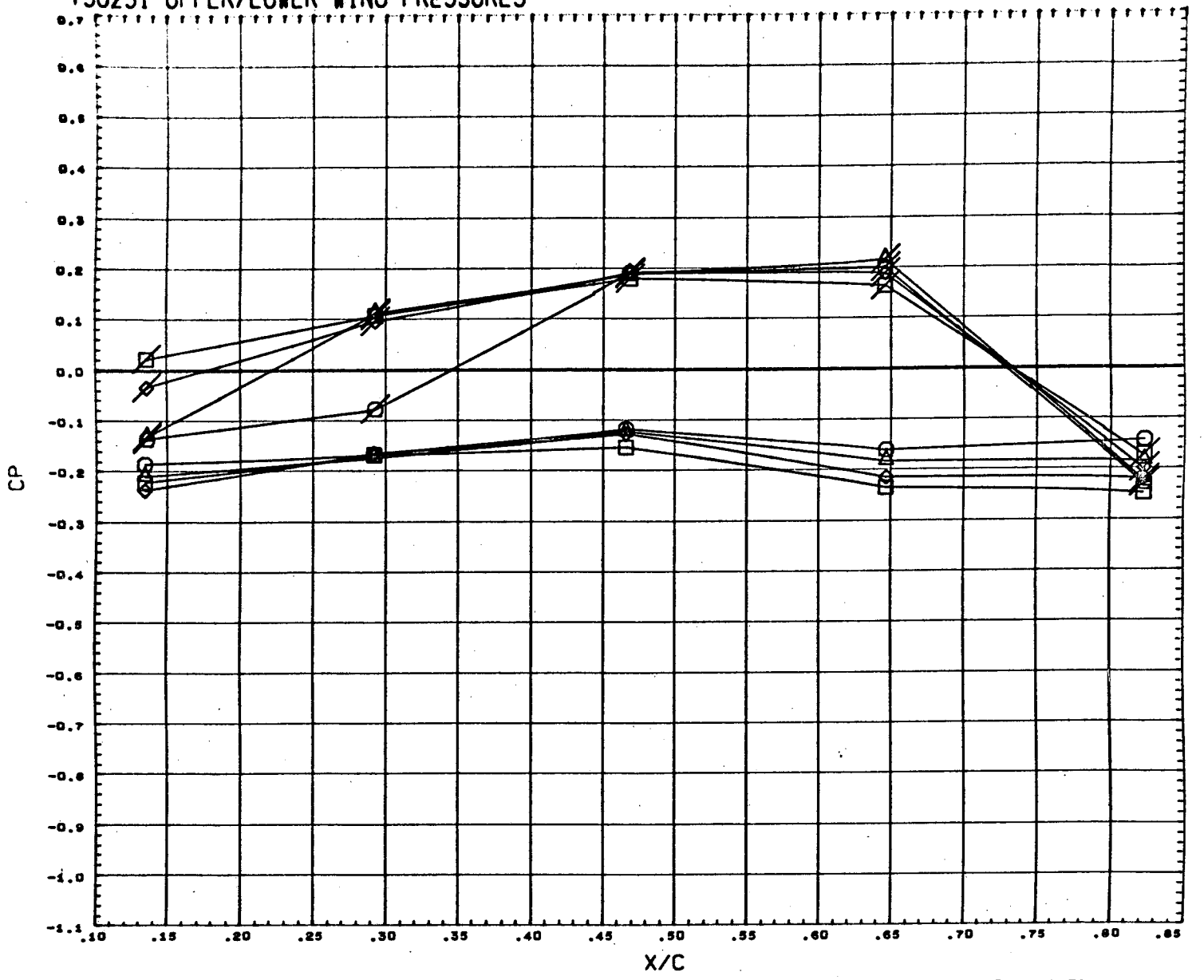
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.464
△	6.000		
◇	4.000		
□	2.000		
↗	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.464
△	4.000		
◇	6.000		
□	8.000		

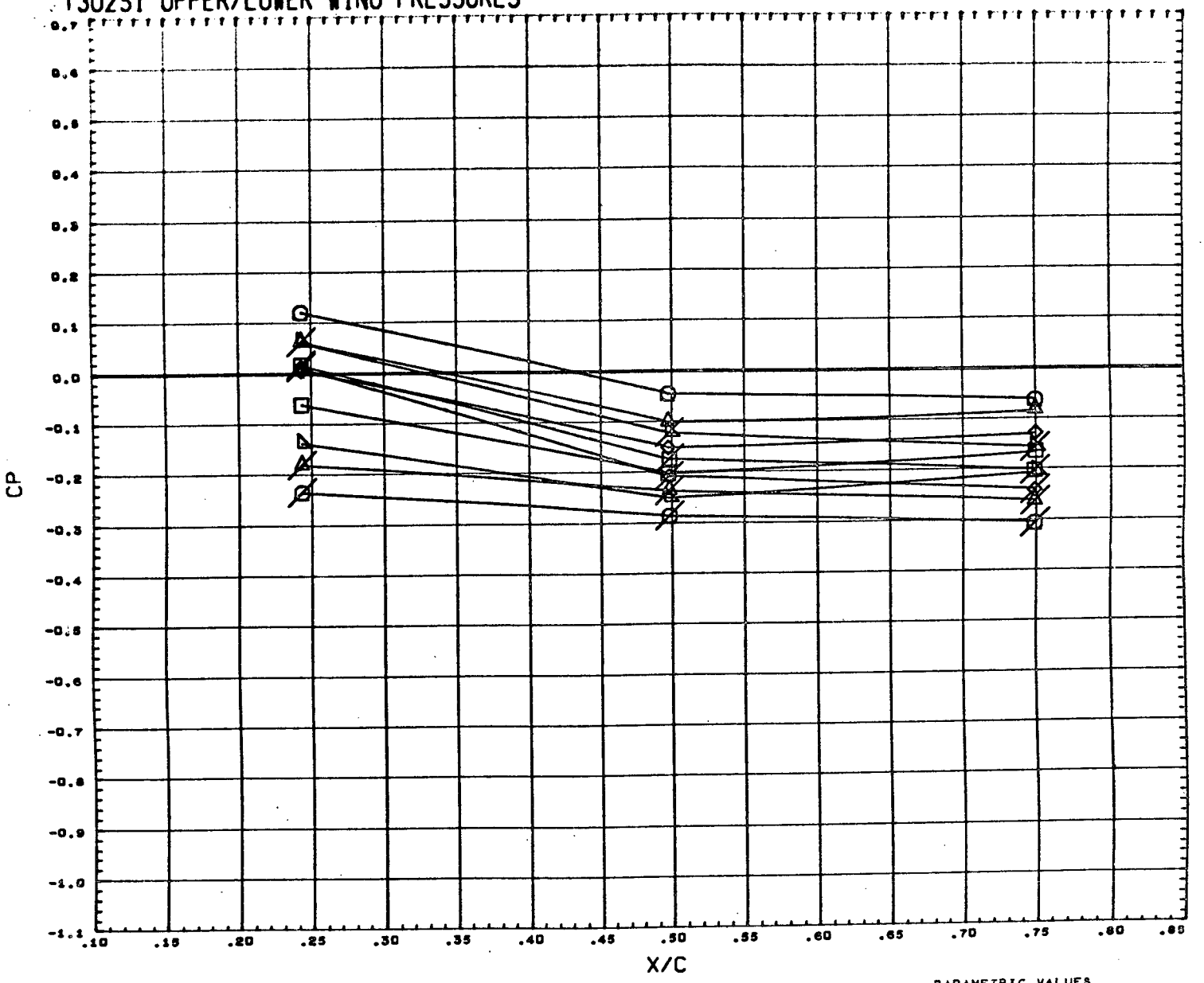
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



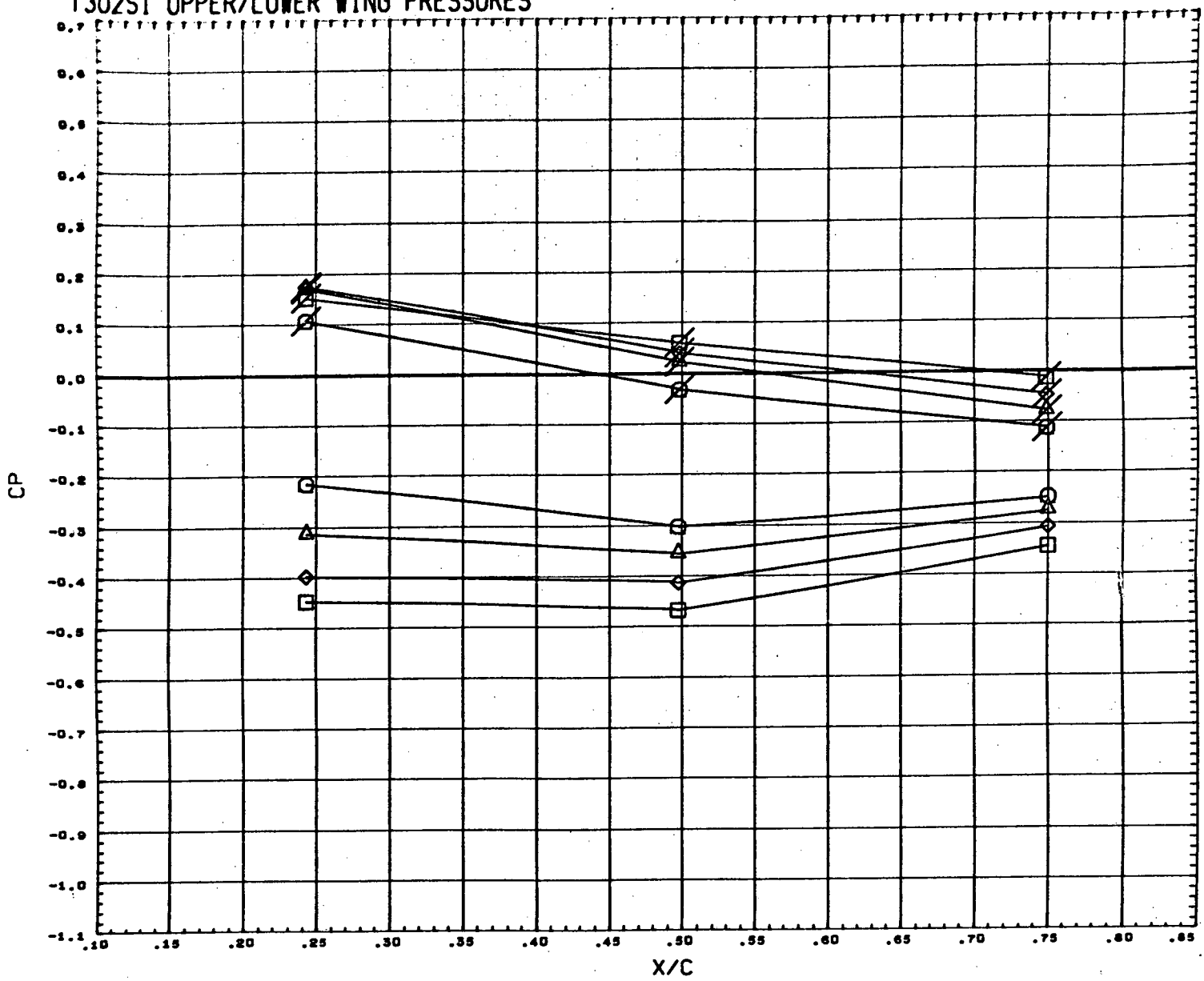
SYMBOL	ALPHA.	Y/B	MACH
○	- 8.000	0.560	1.464
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



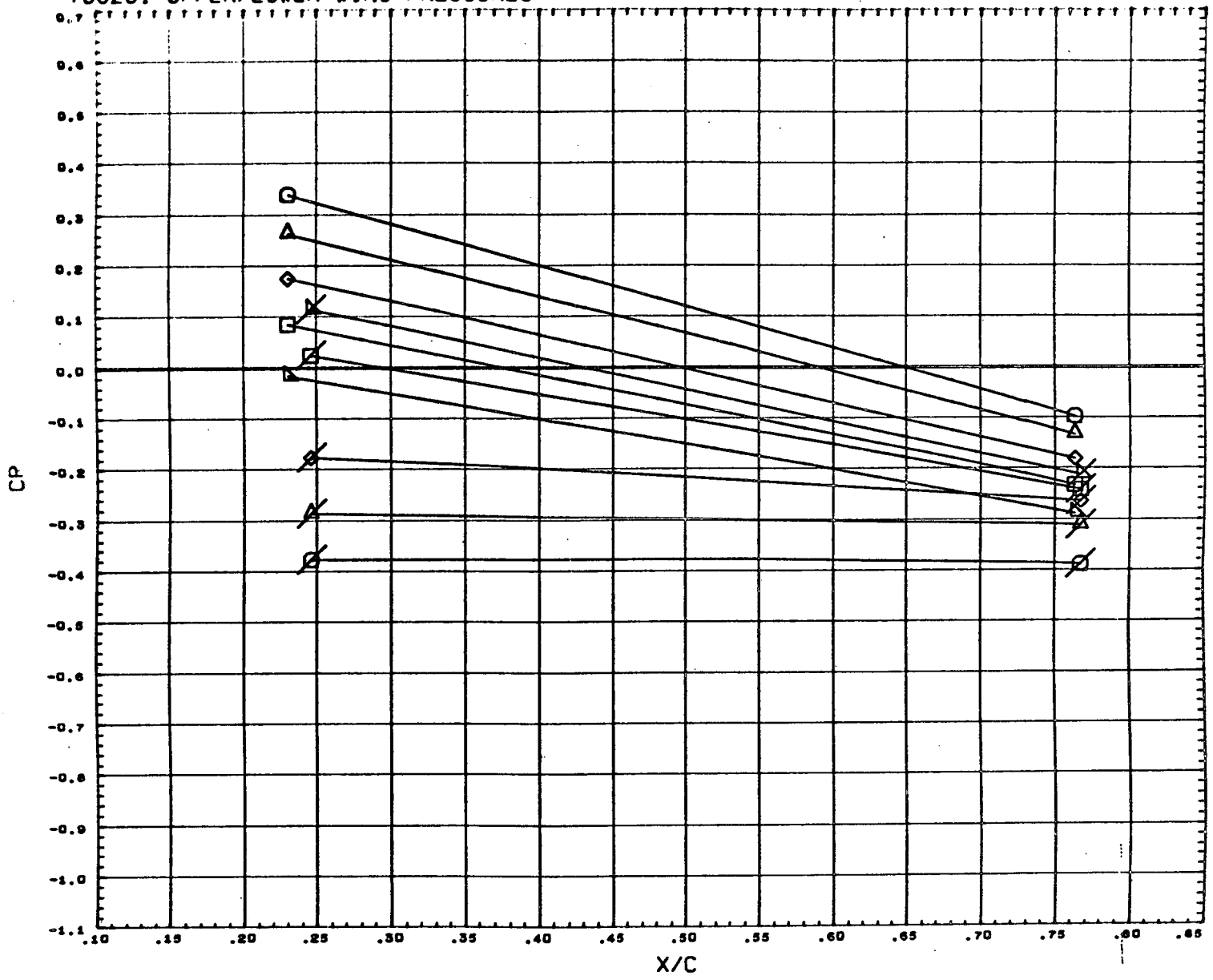
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.464
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



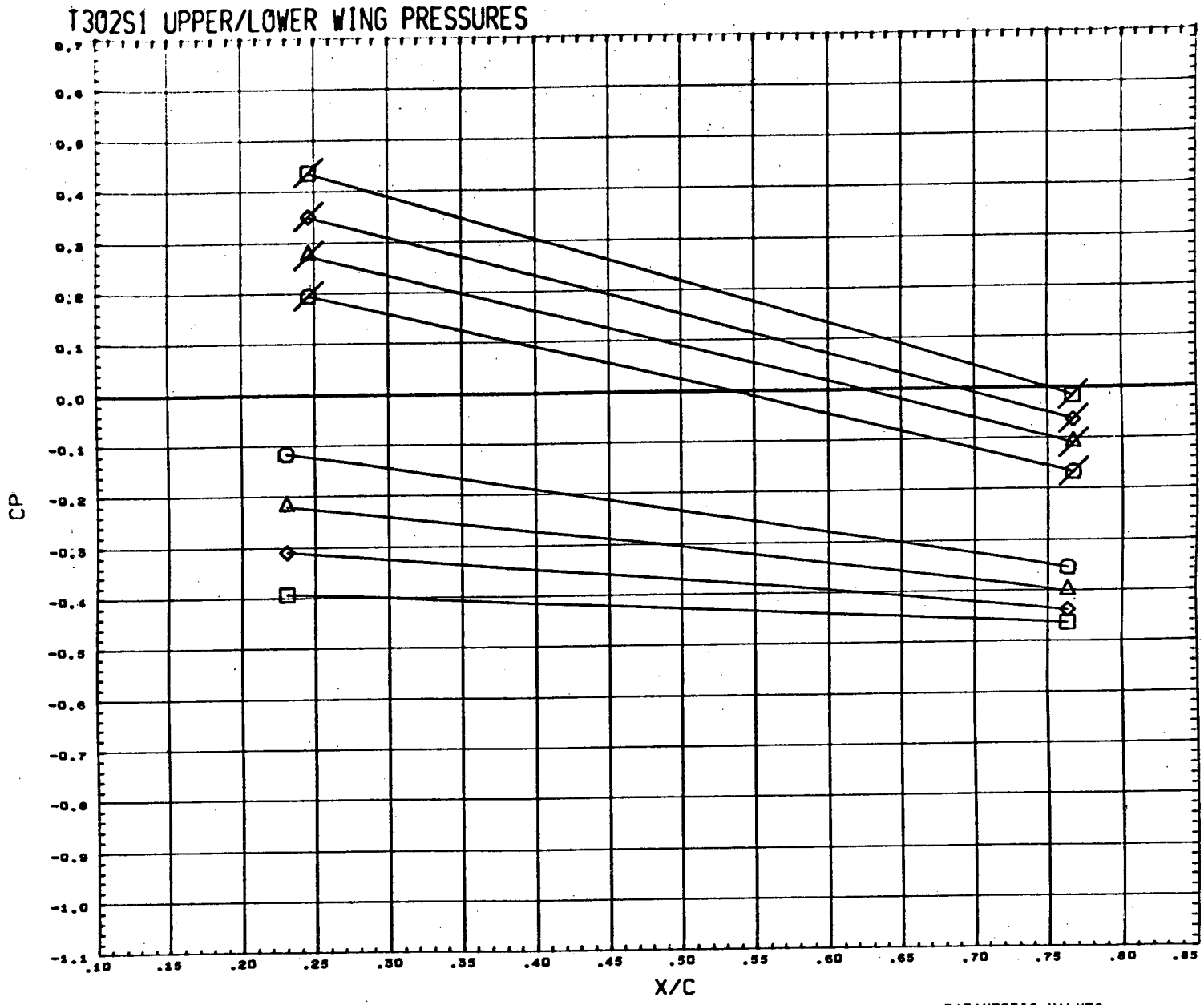
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.645	1.464
△	6.000		
◇	4.000		
□	2.000		
◿	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.464
△	4.000		
◇	6.000		
□	8.000		

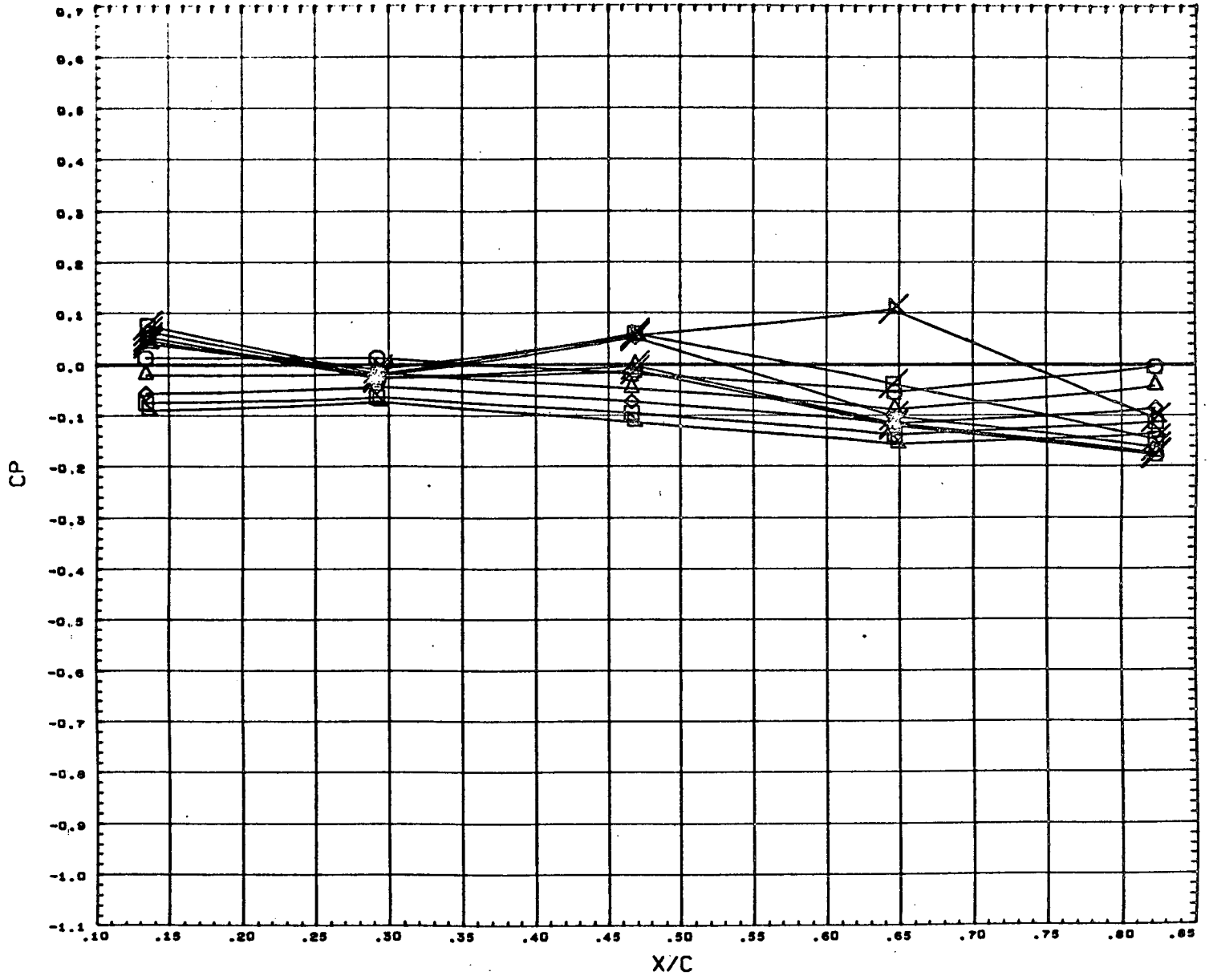
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



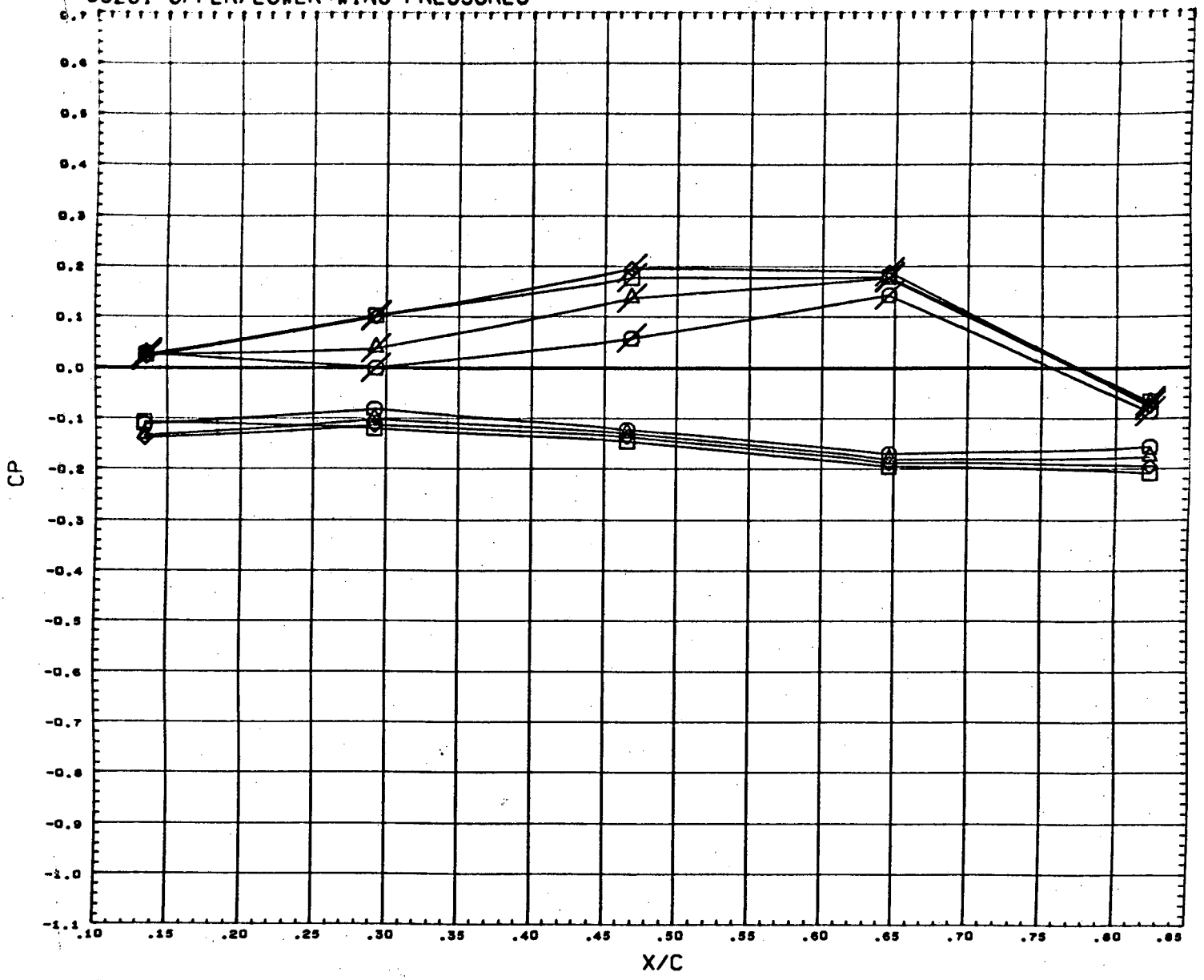
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.952
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



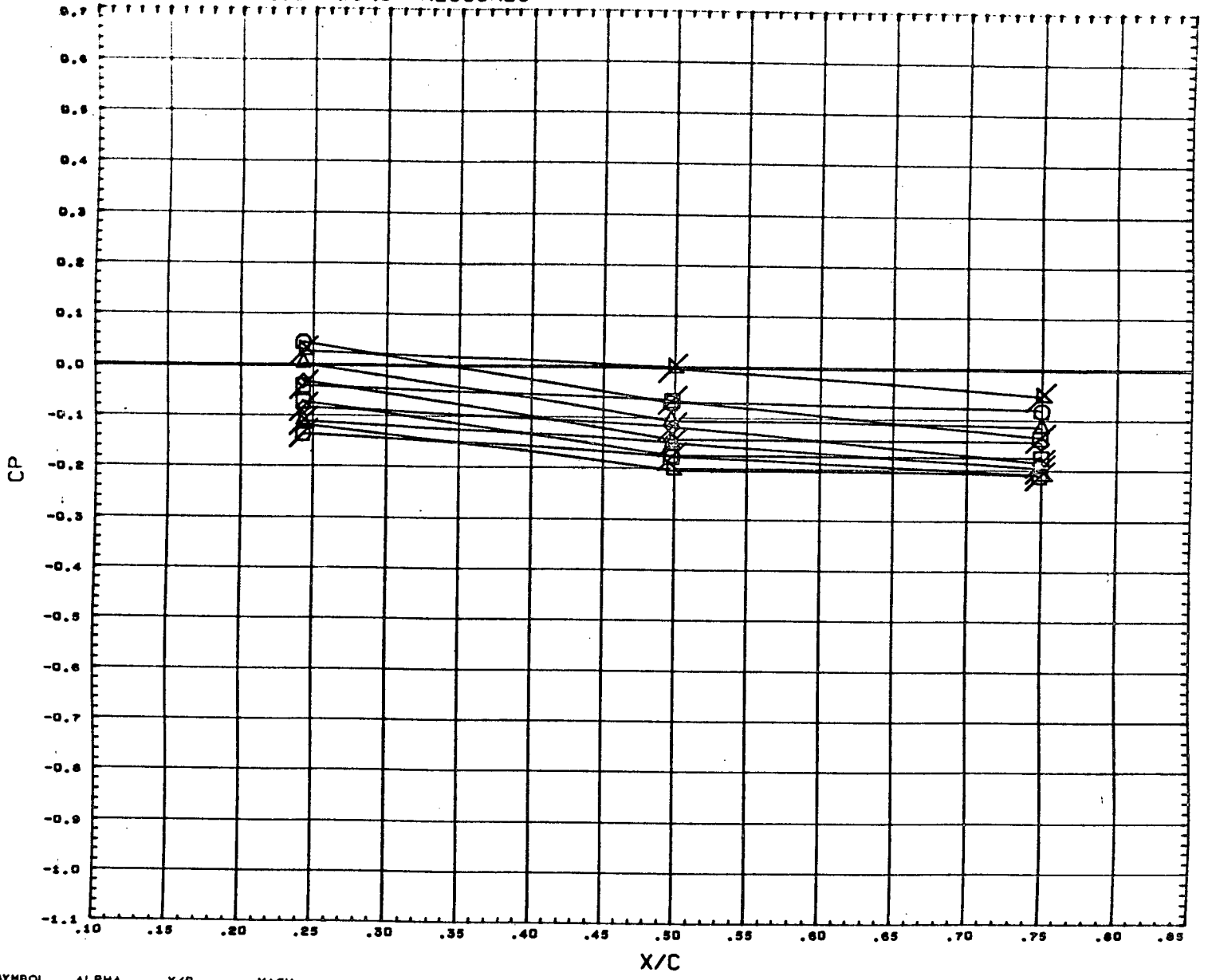
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.952
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.952
△	6.000		
◇	4.000		
□	2.000		
◪	0.000		

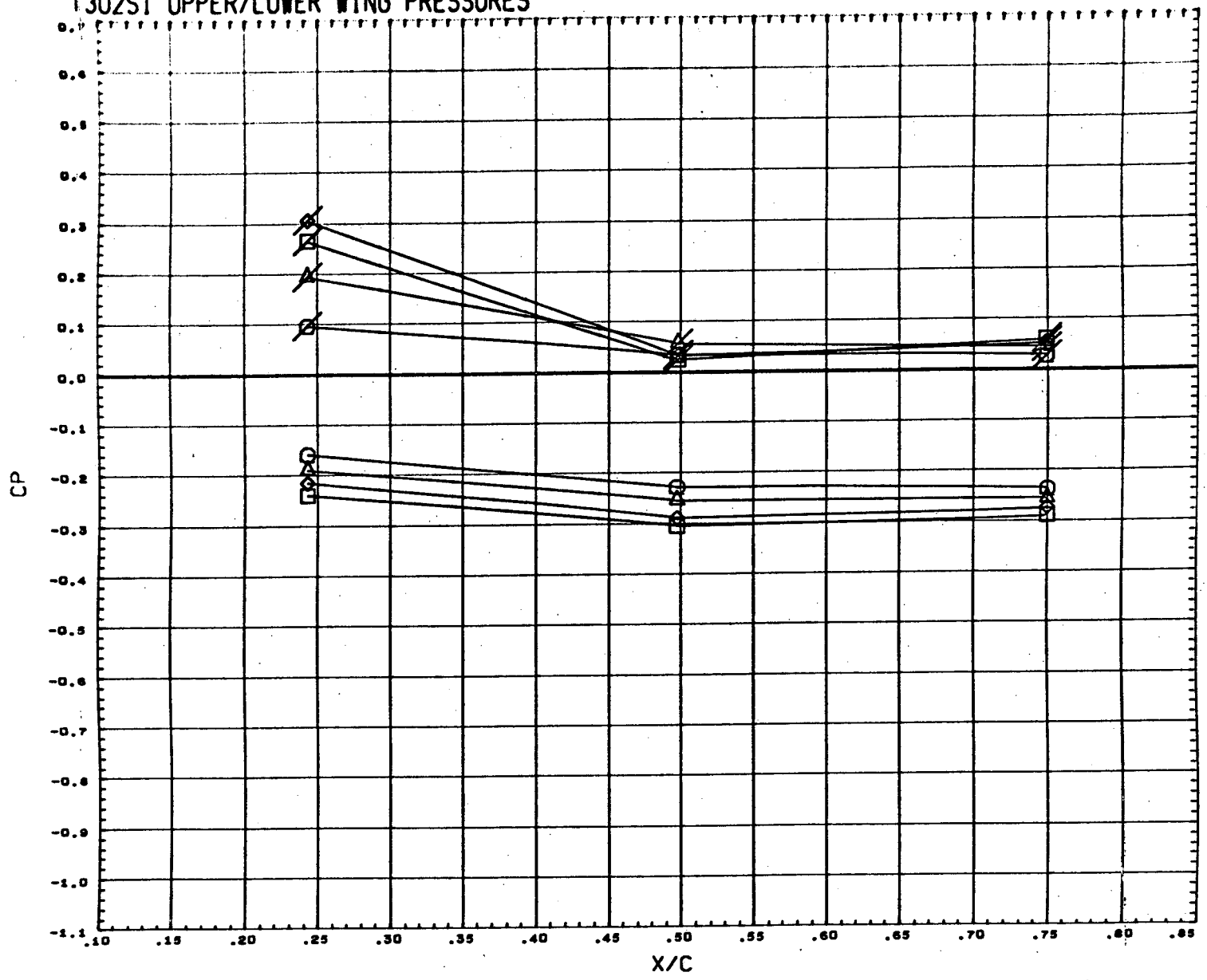
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS . 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



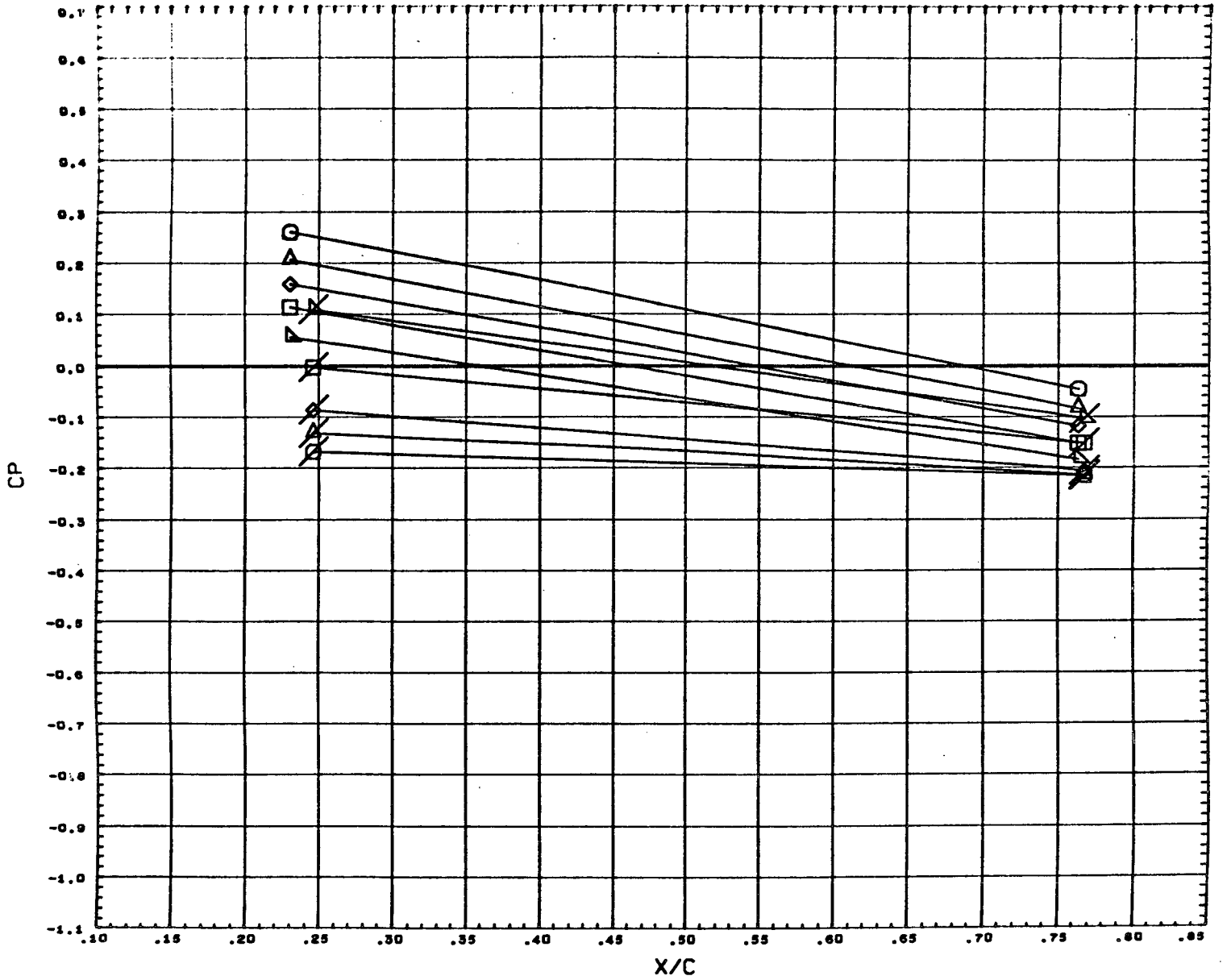
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.952
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



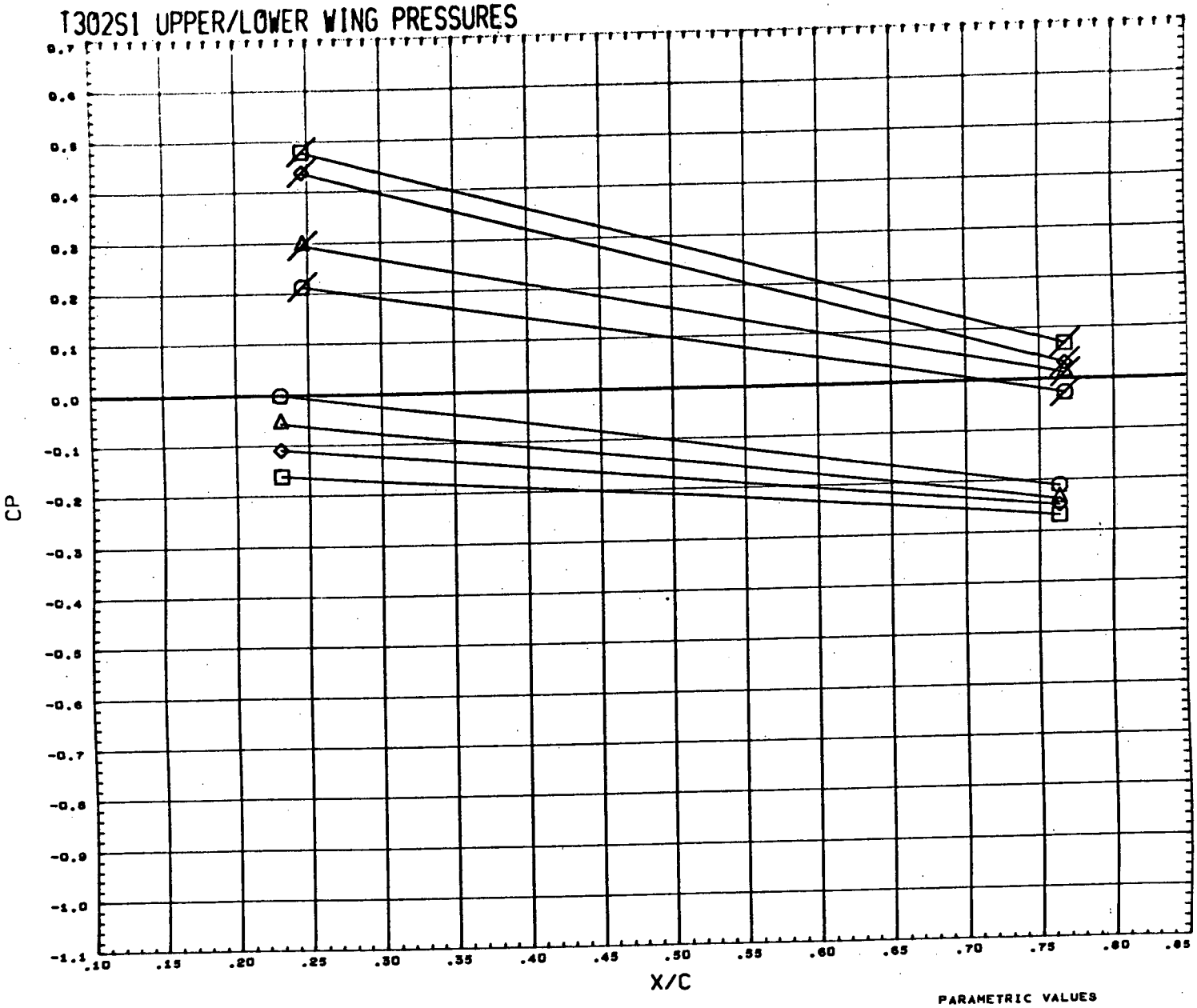
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.952
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.952
△	4.000		
◇	6.000		
□	8.000		

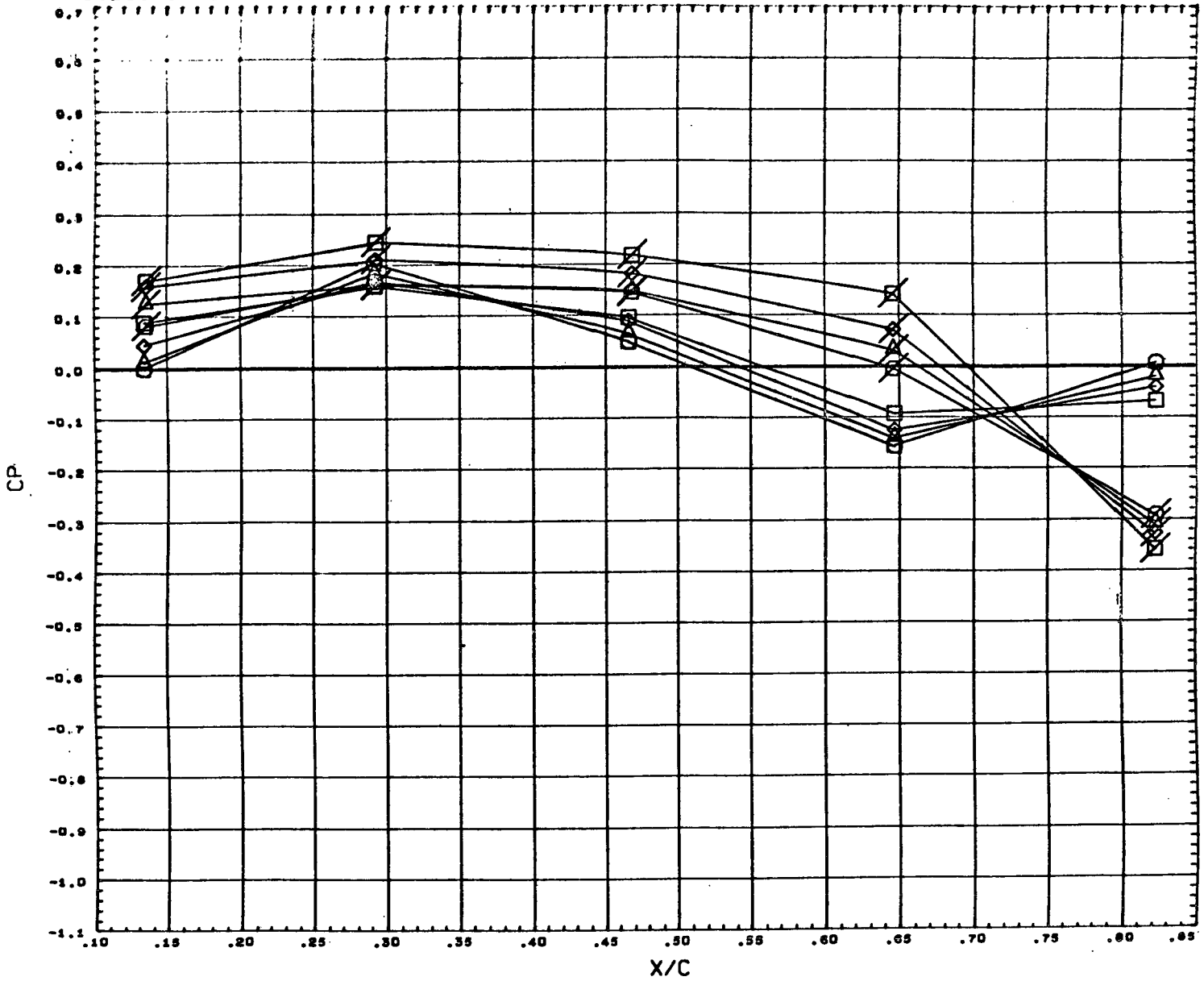
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73005)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73005)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



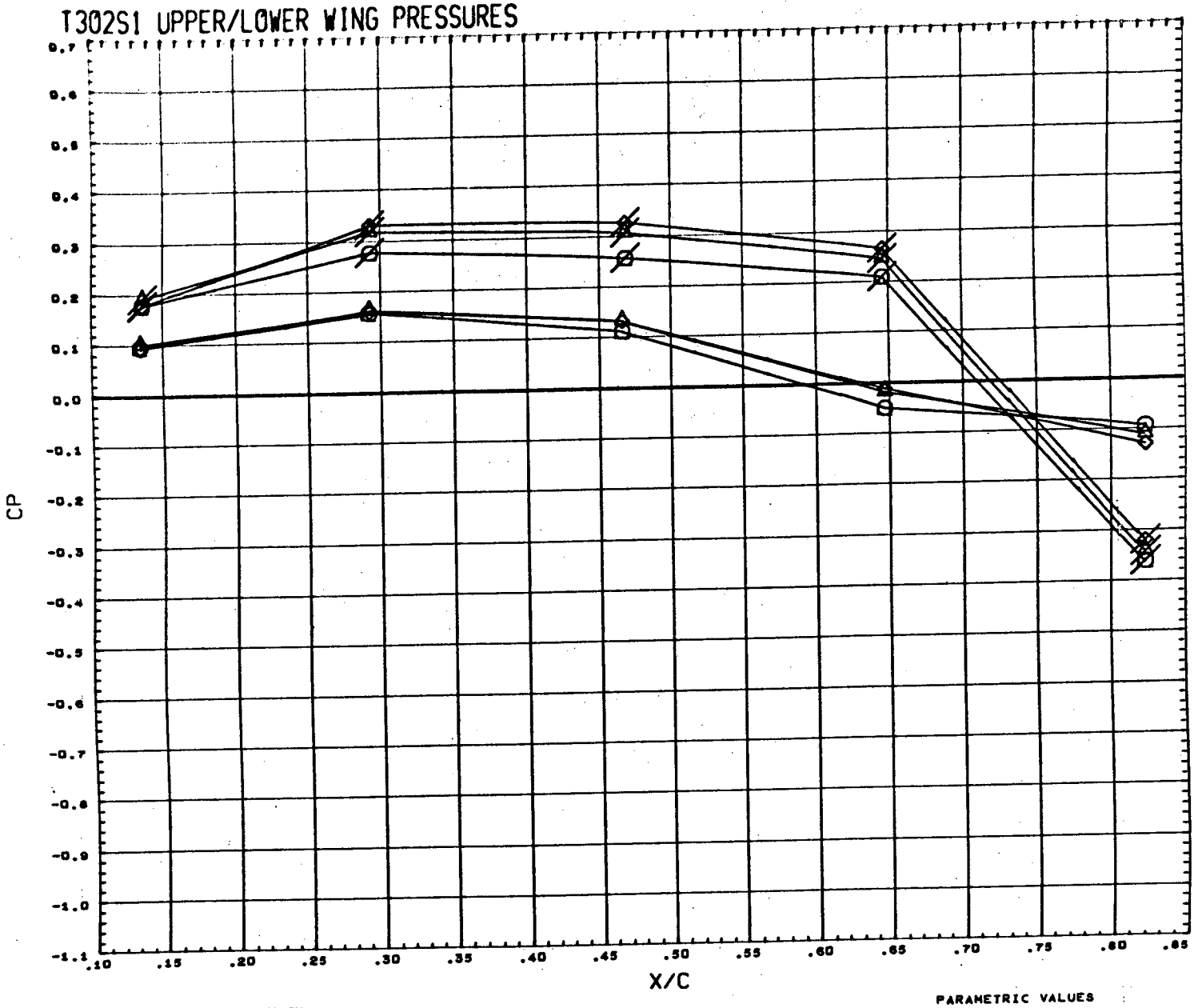
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



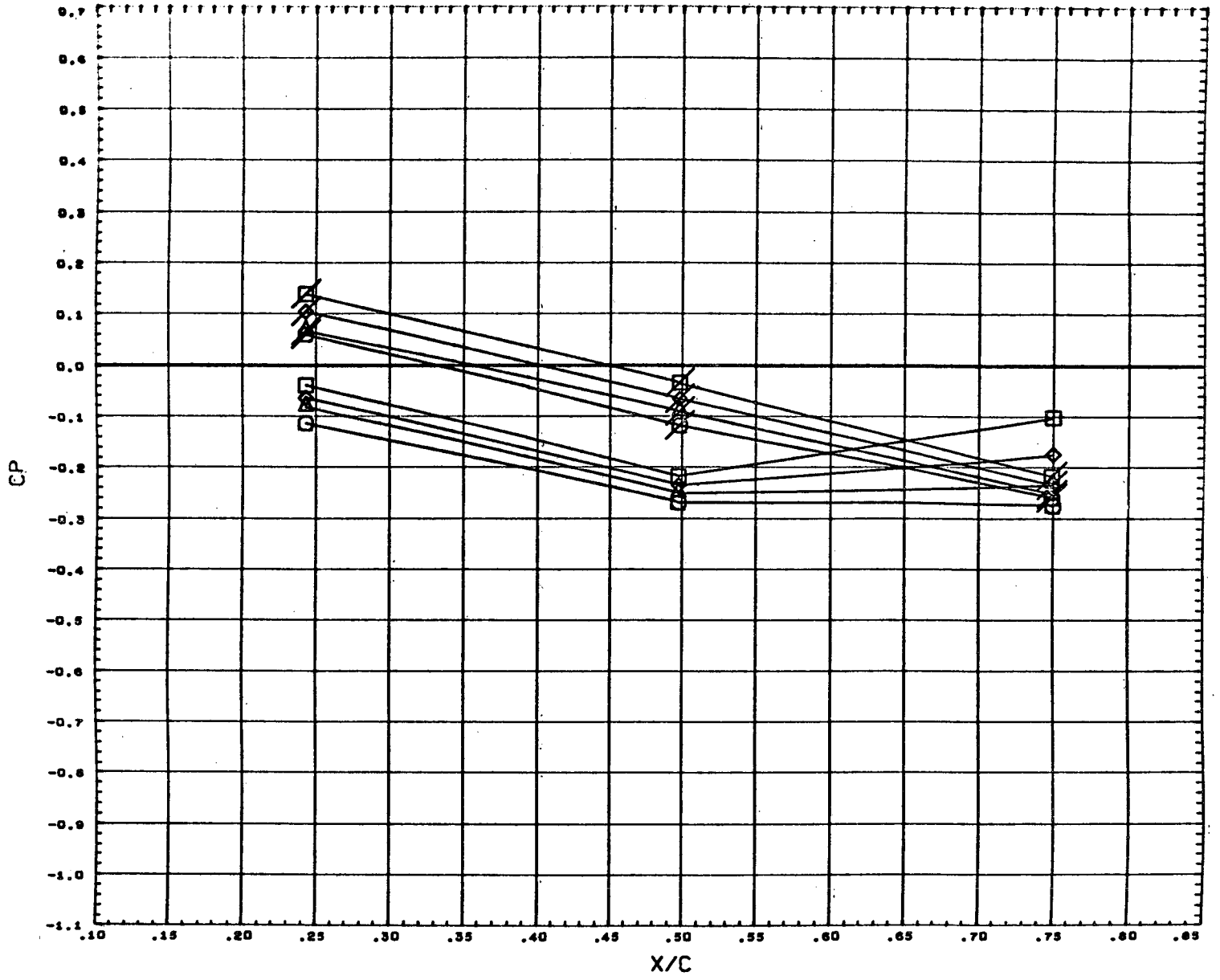
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.196
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



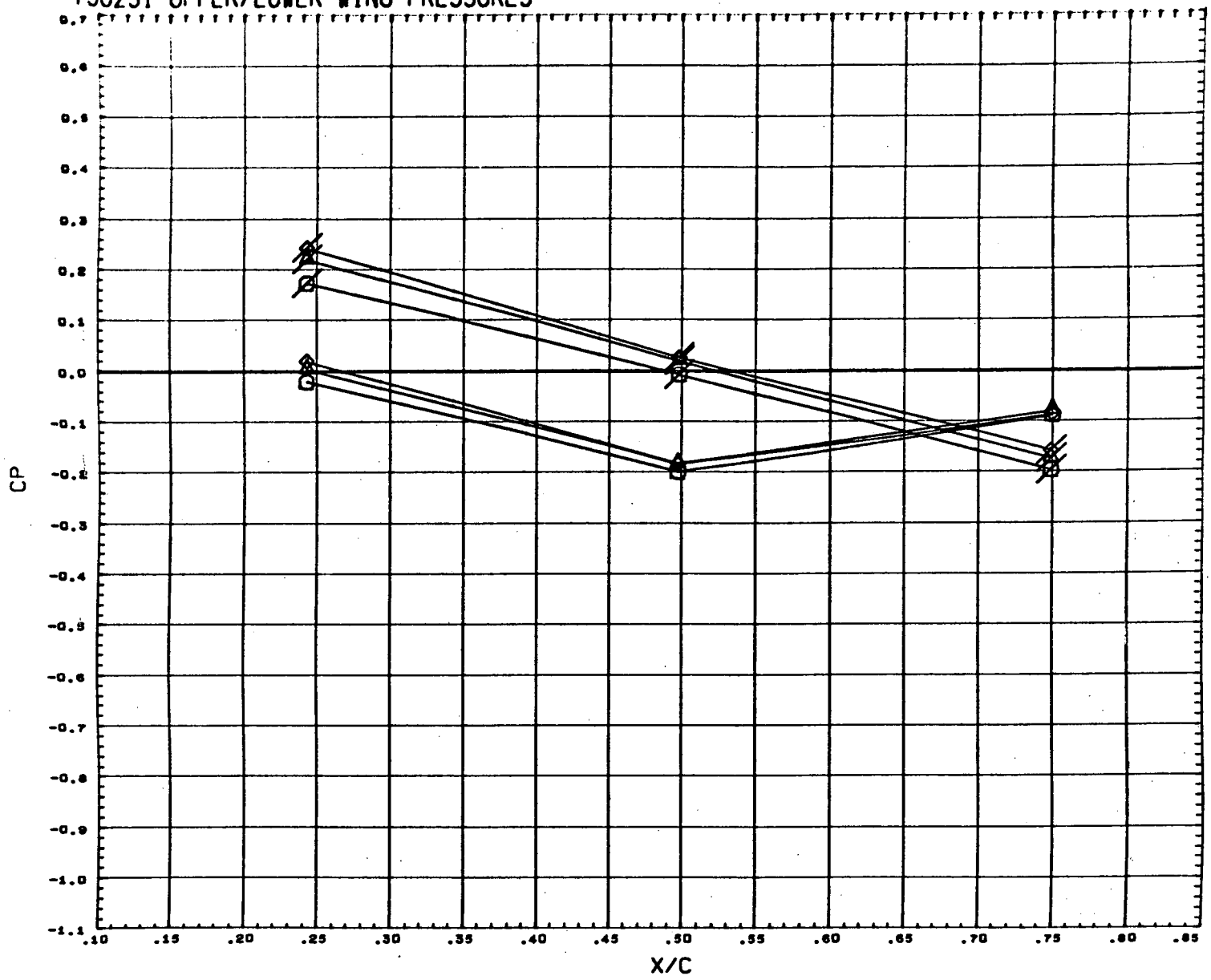
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



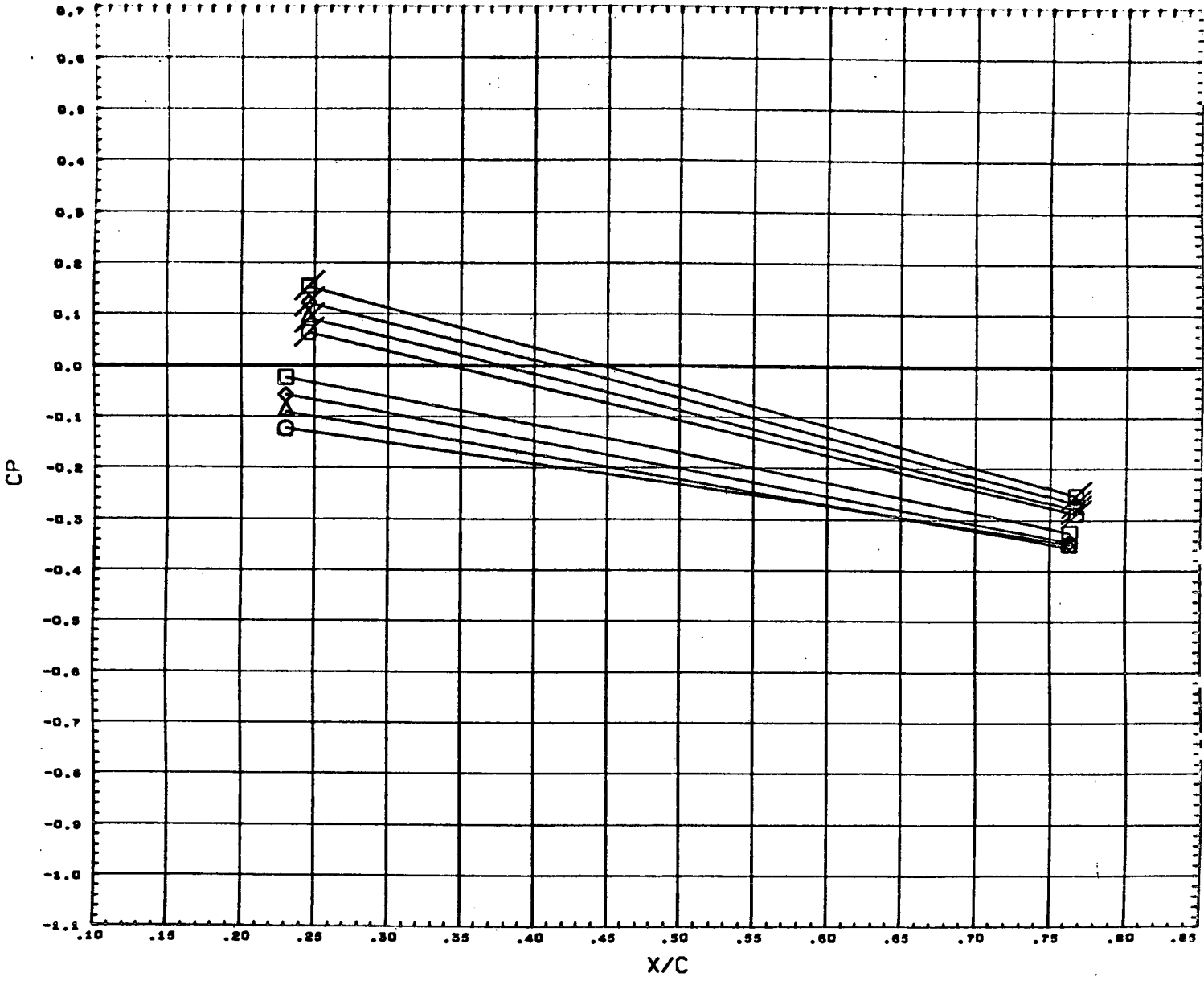
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.196
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



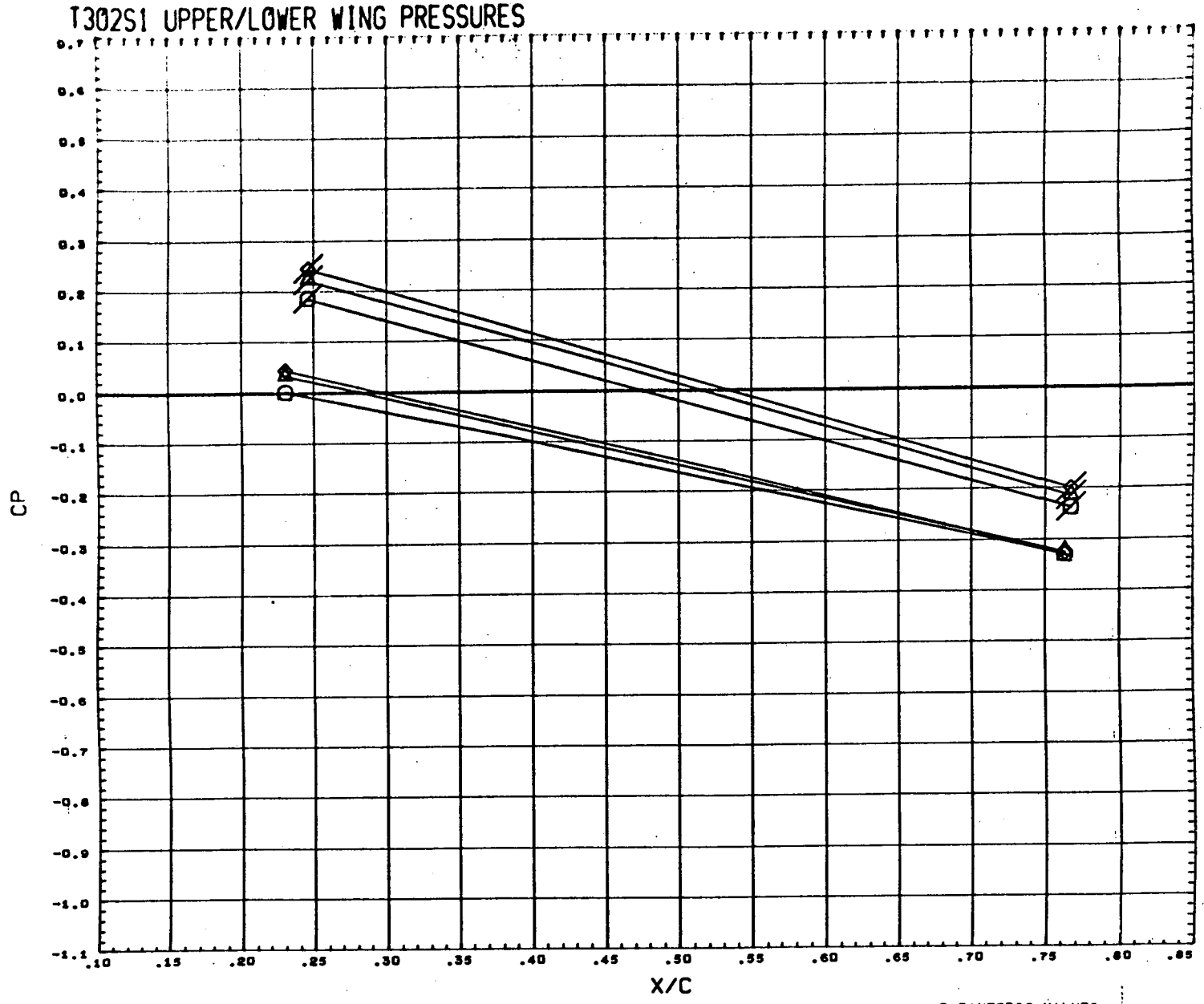
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



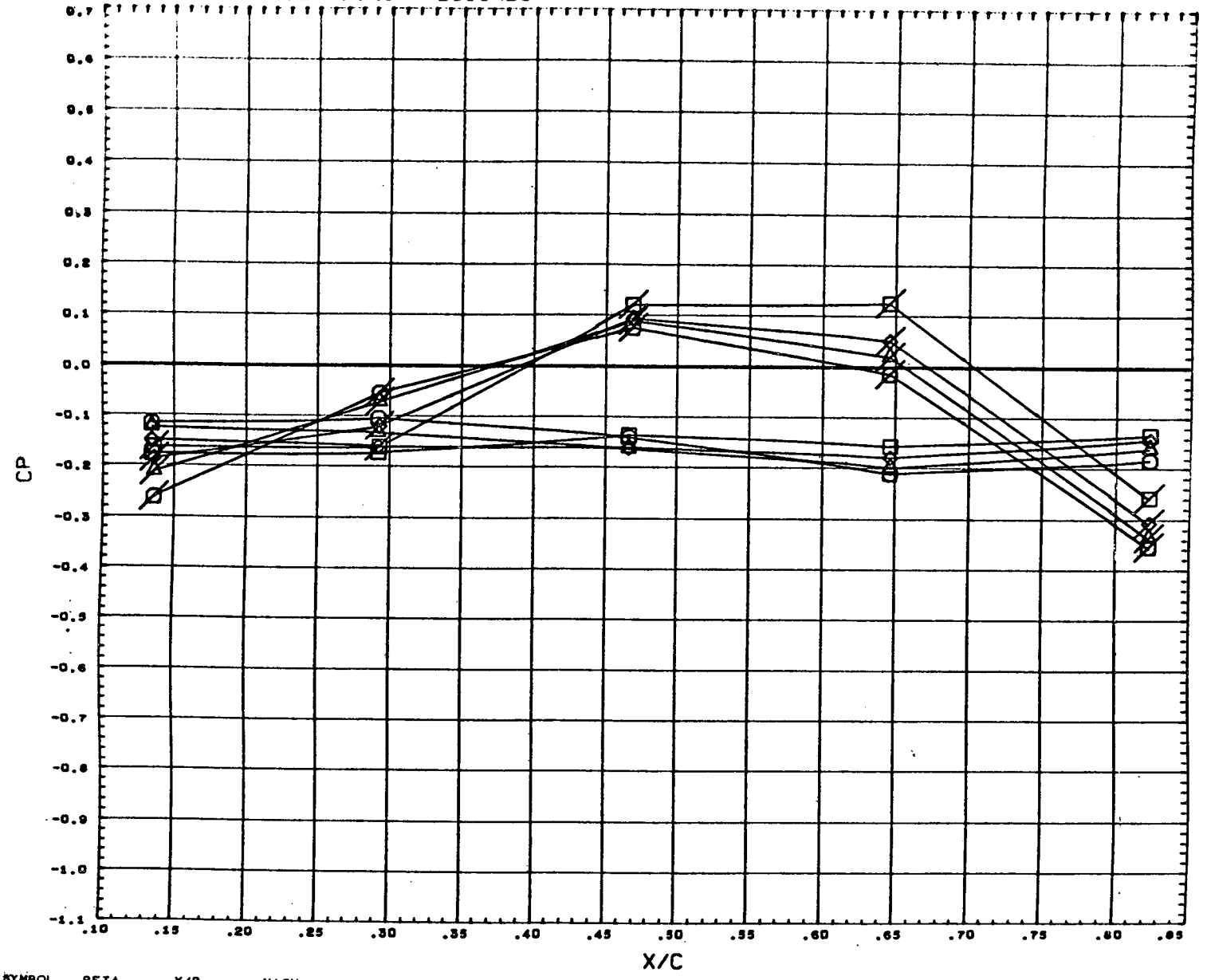
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.196
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



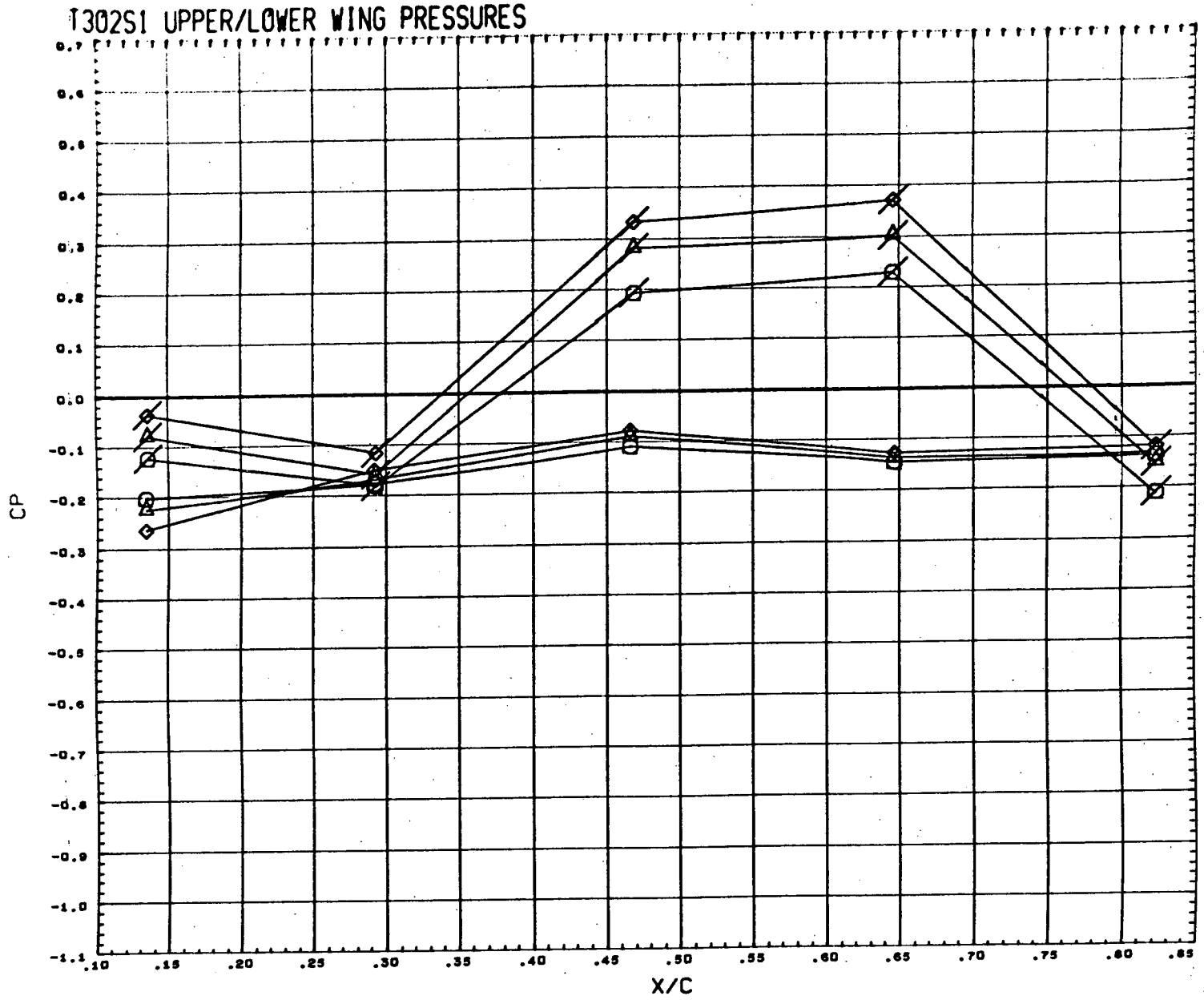
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.461
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



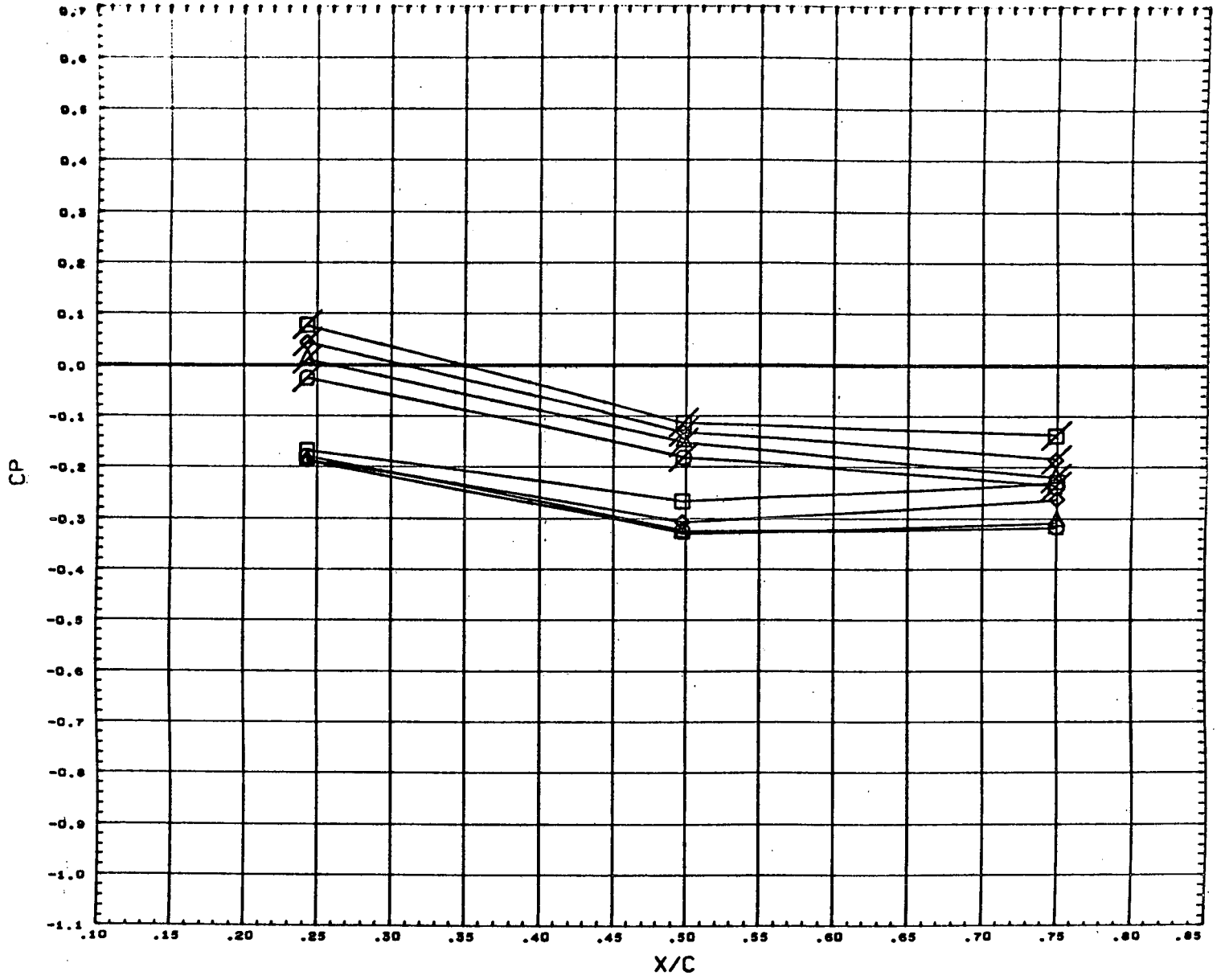
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.461
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.461
△	- 4.000		
◇	- 2.000		
□	0.000		

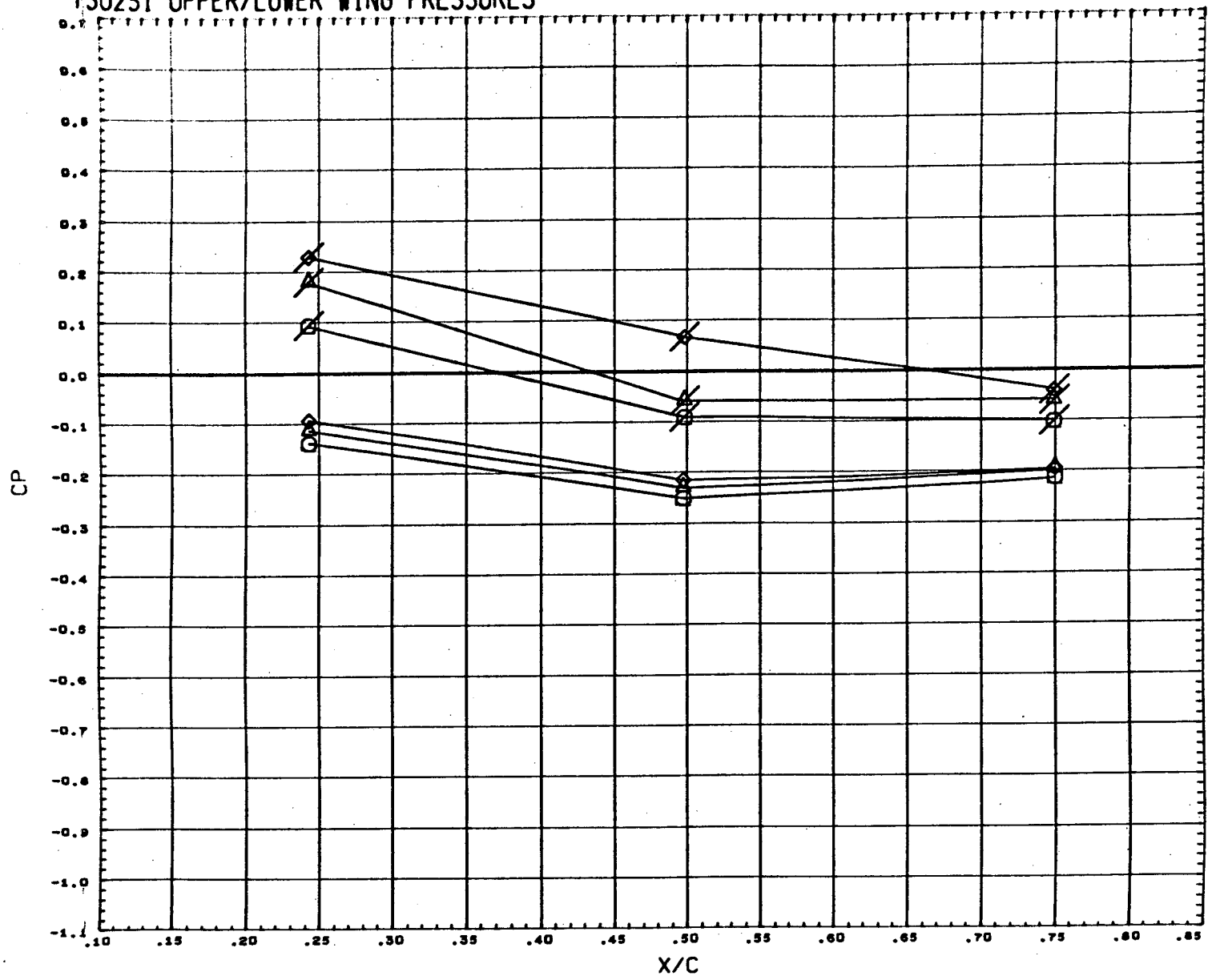
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



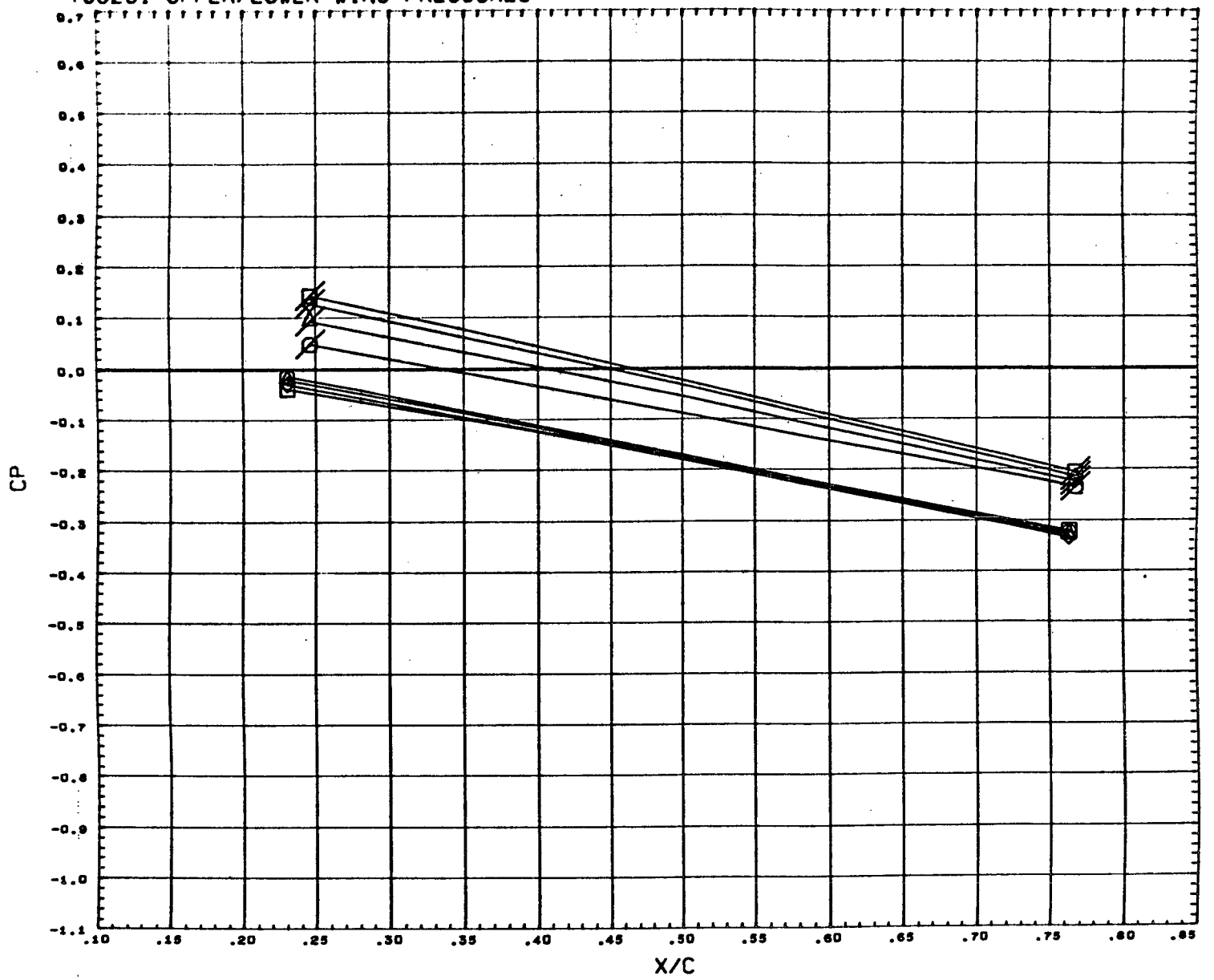
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.461
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



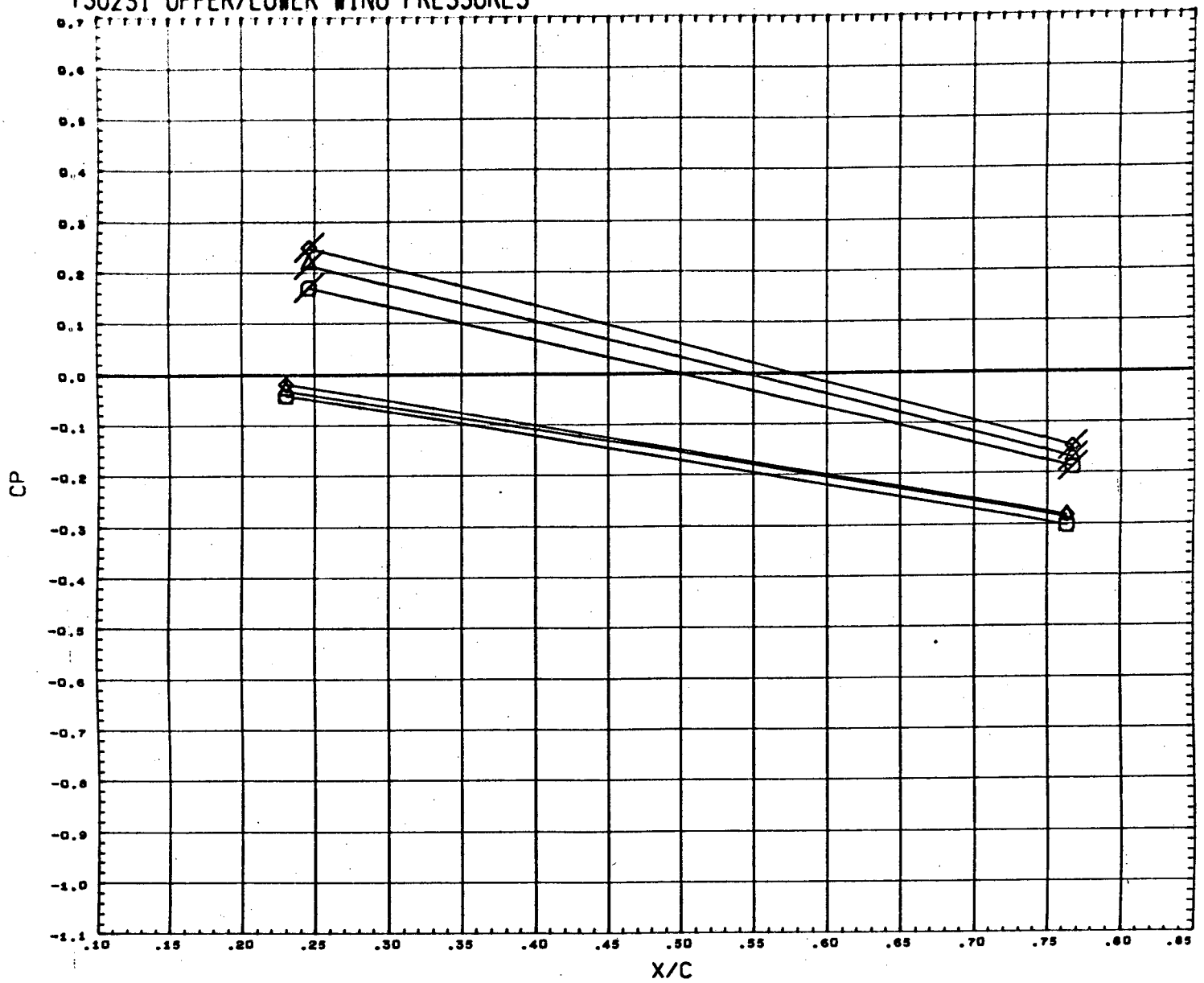
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.461
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



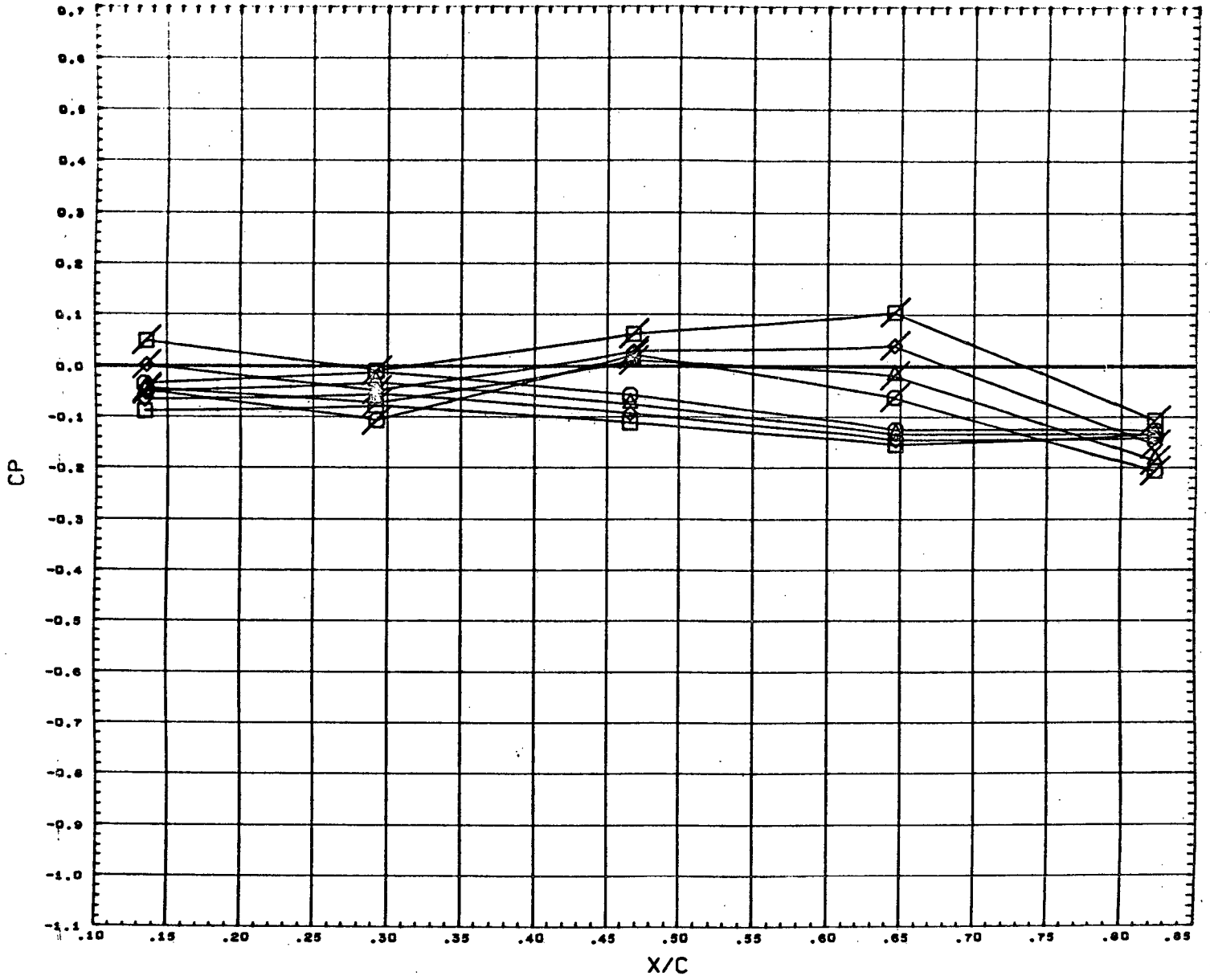
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.461
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.958
△	4.000		
◇	2.000		
□	0.000		

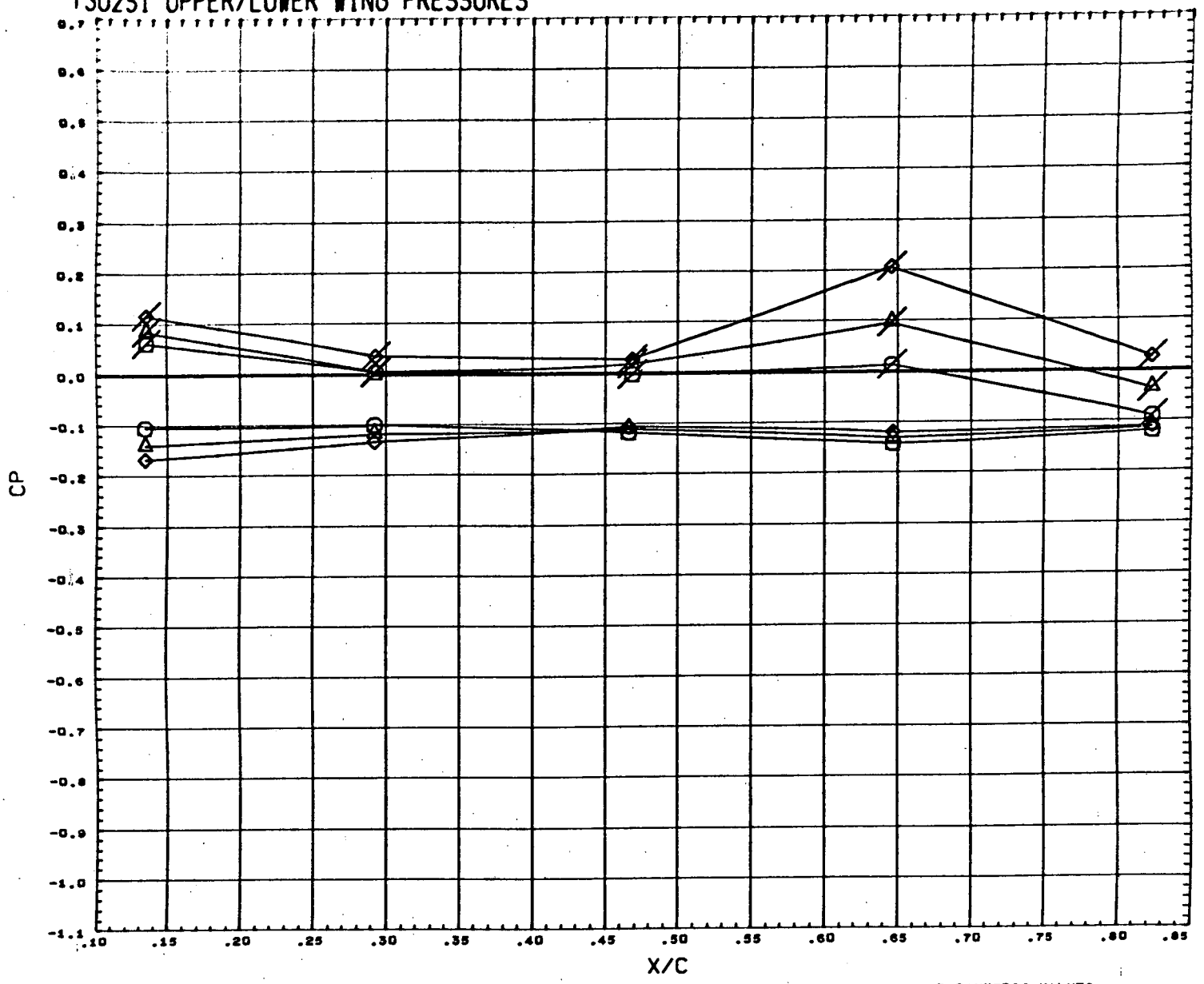
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



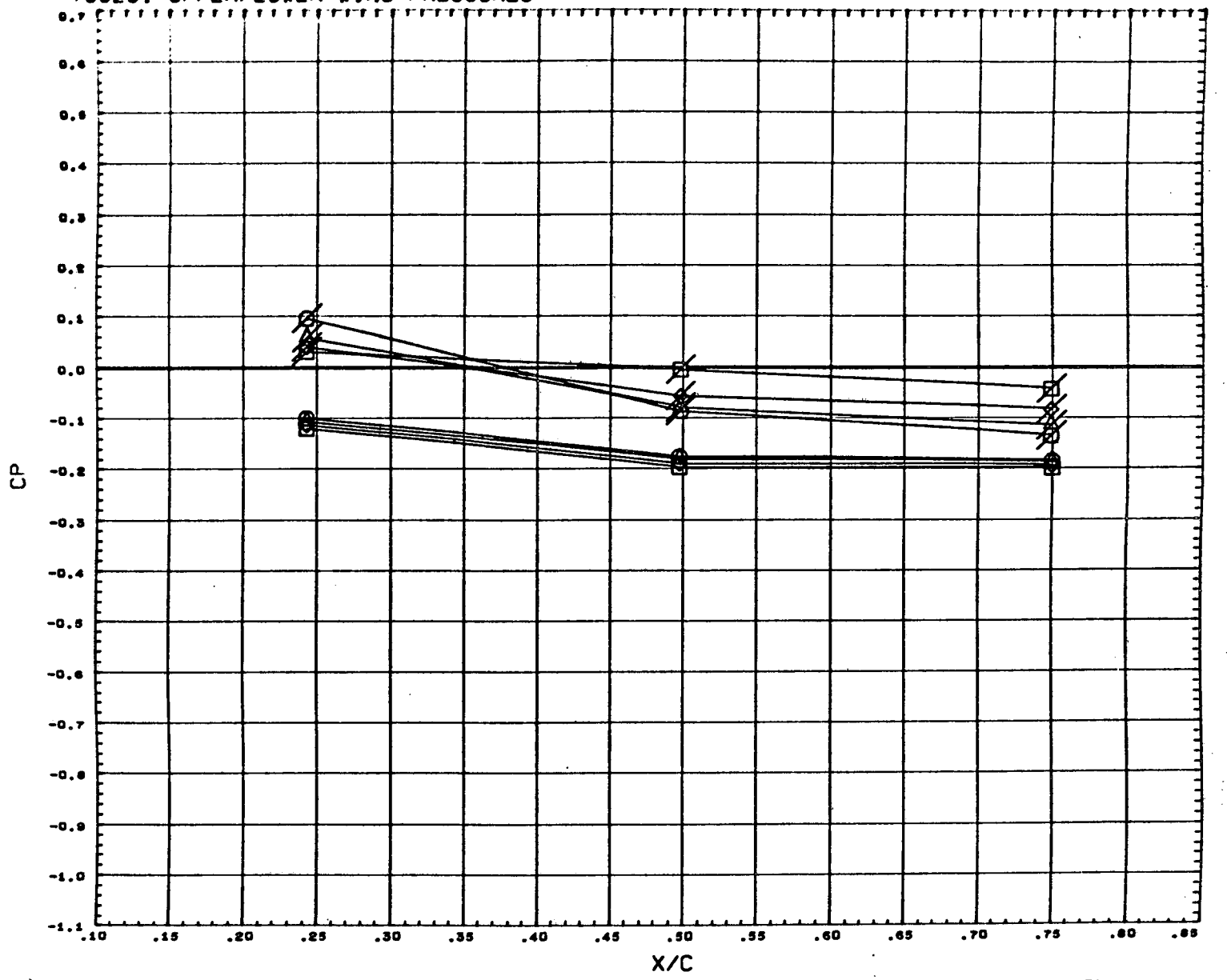
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.958
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.958
△	- 4.000		
◇	- 2.000		
□	0.000		

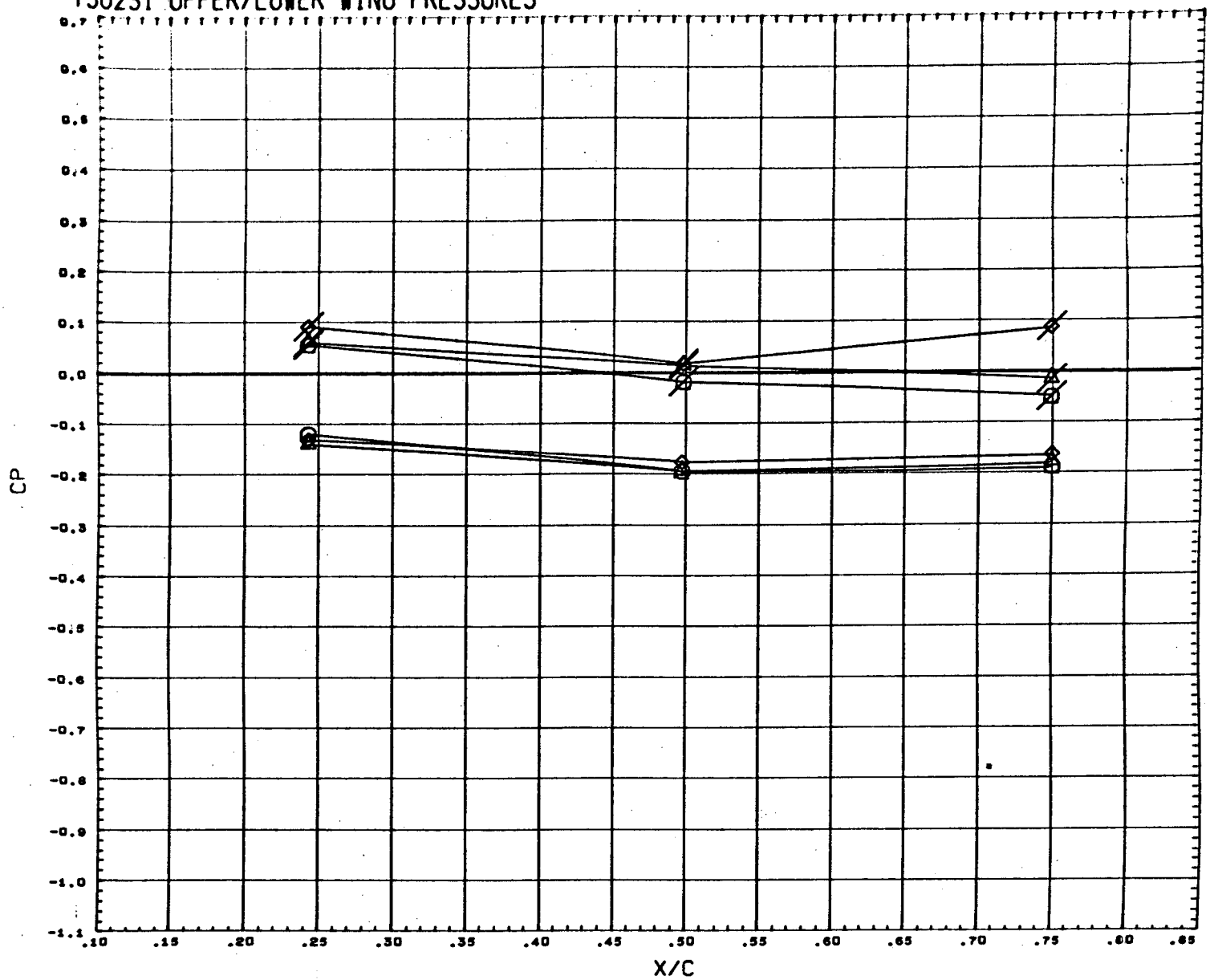
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



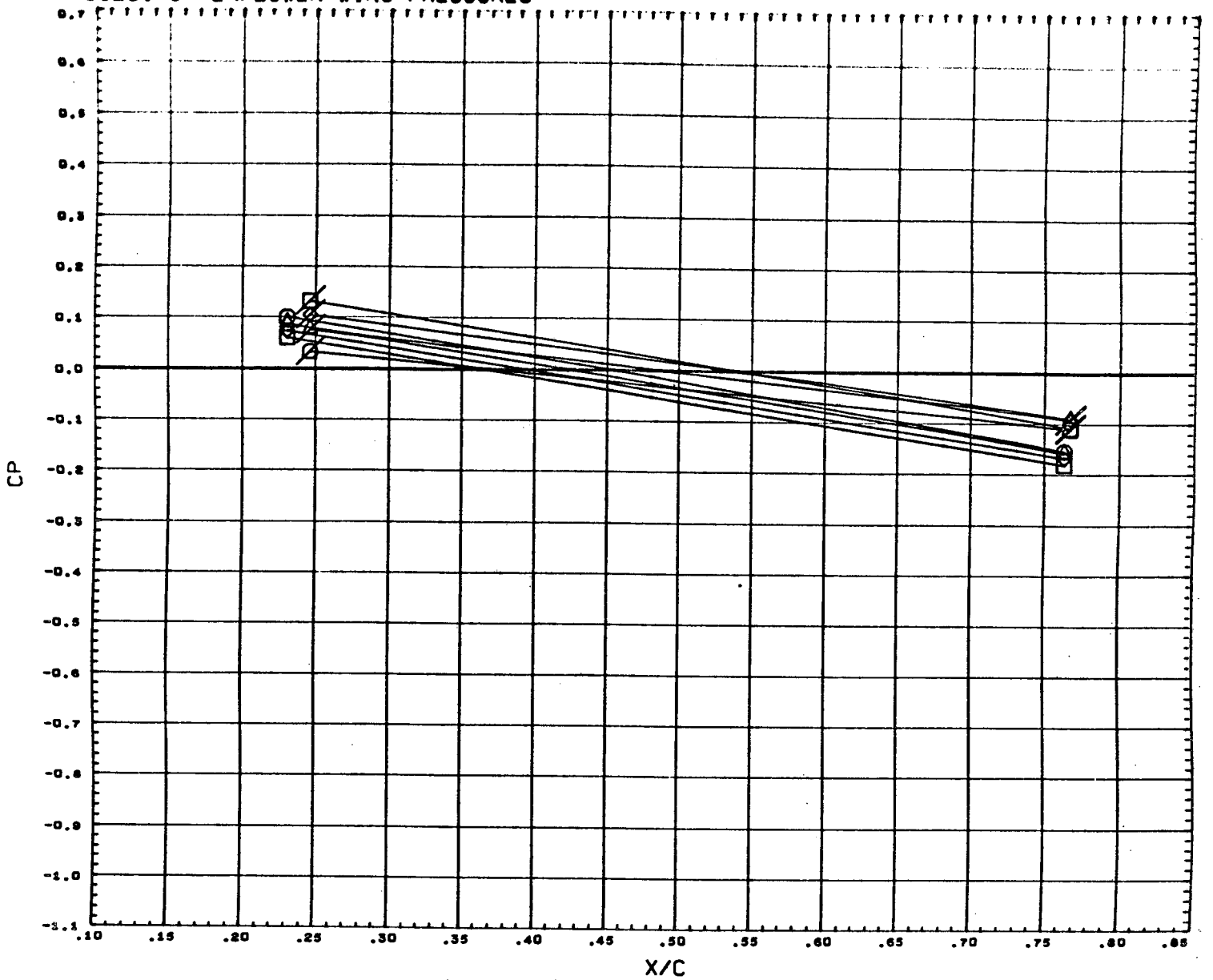
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.958
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



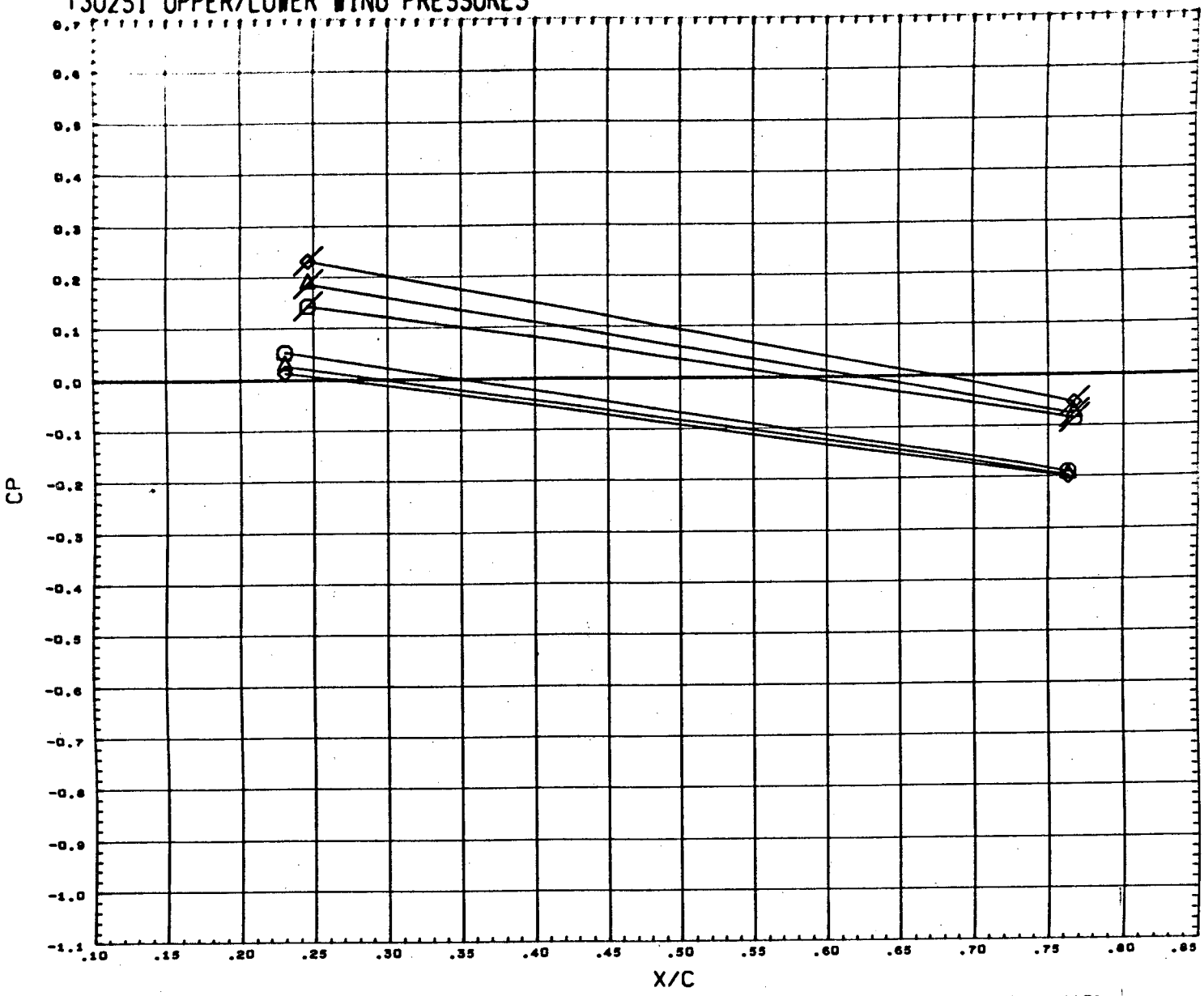
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.958
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.958
△	4.000		
◇	6.000		

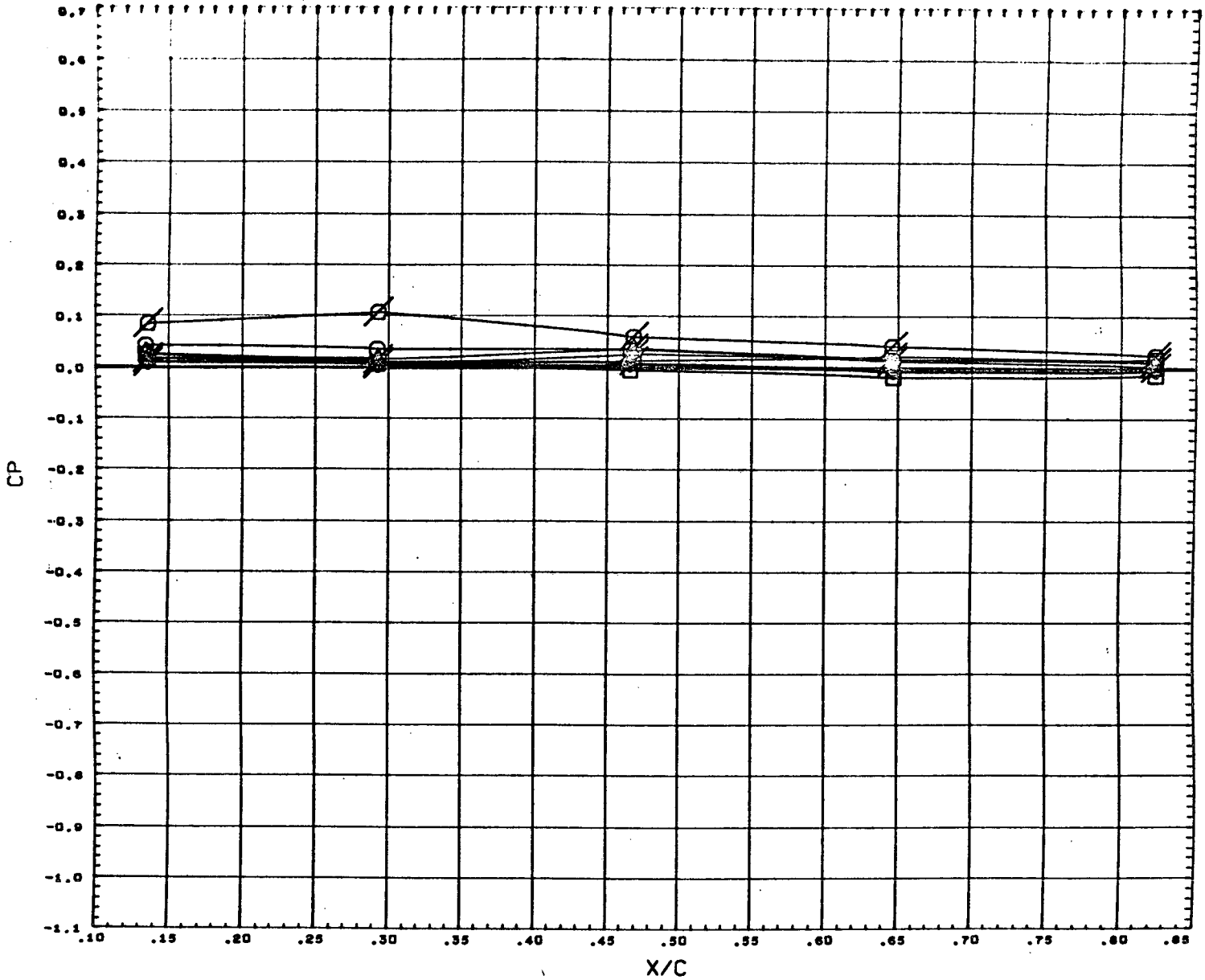
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73006)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73006)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

G

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 6.000	0.290	4.960
△	0.000		
◇	2.000		
□	6.000		

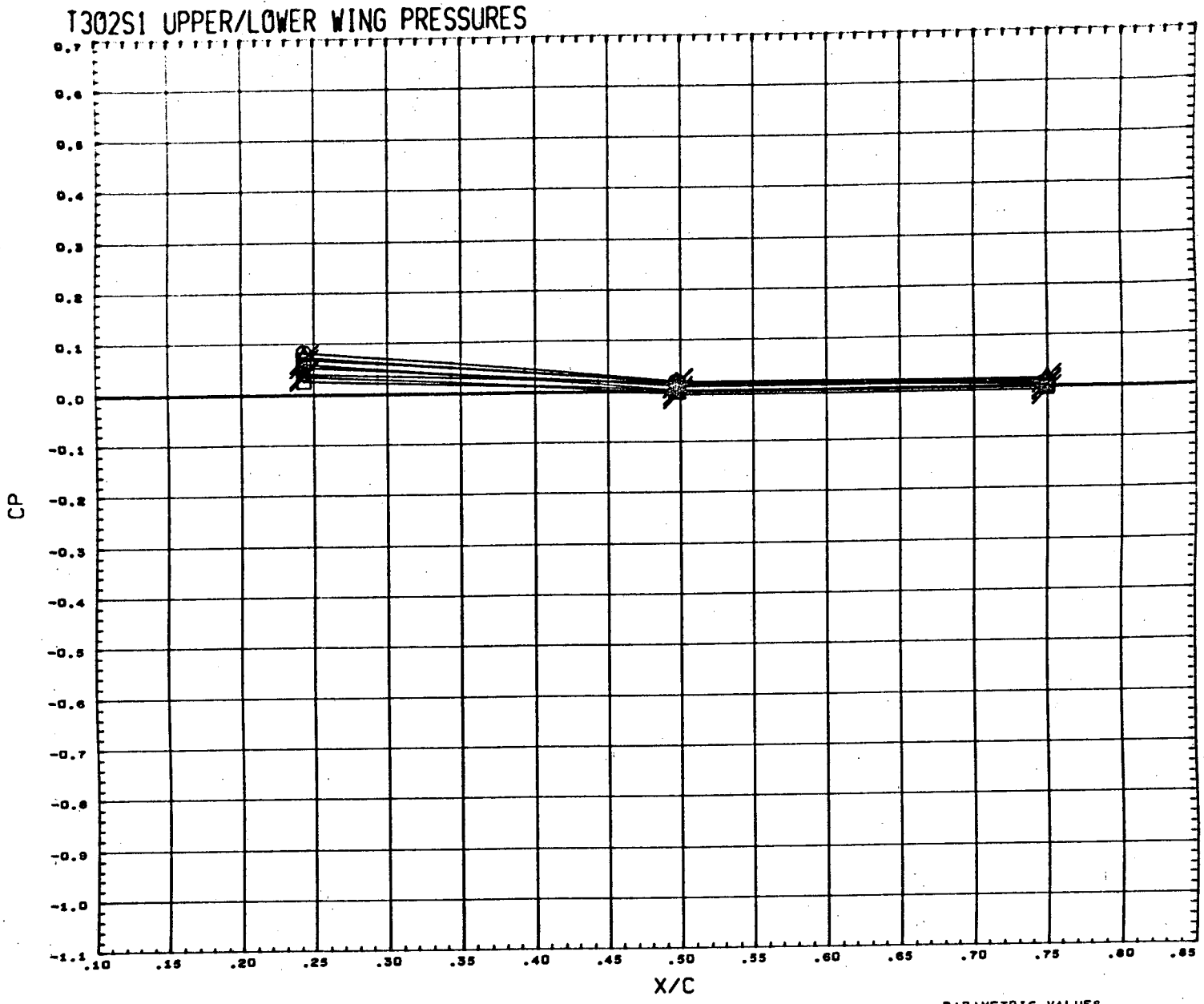
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73007)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73007)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 6.000	0.560	4.960
△	0.000		
◇	2.000		
□	6.000		

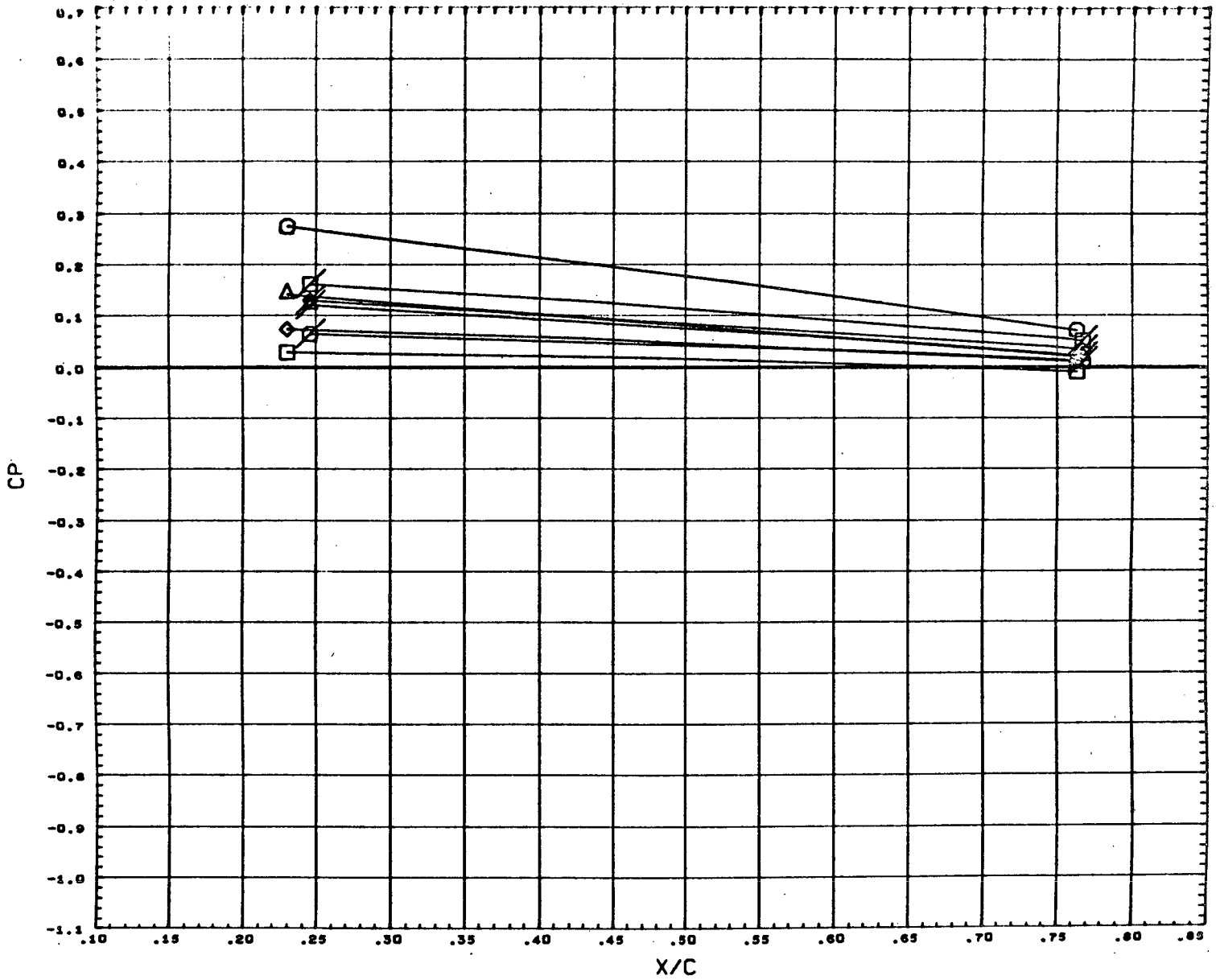
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73007)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73007)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	6.000	0.845	4.960
△	0.000		
◇	2.000		
□	6.000		

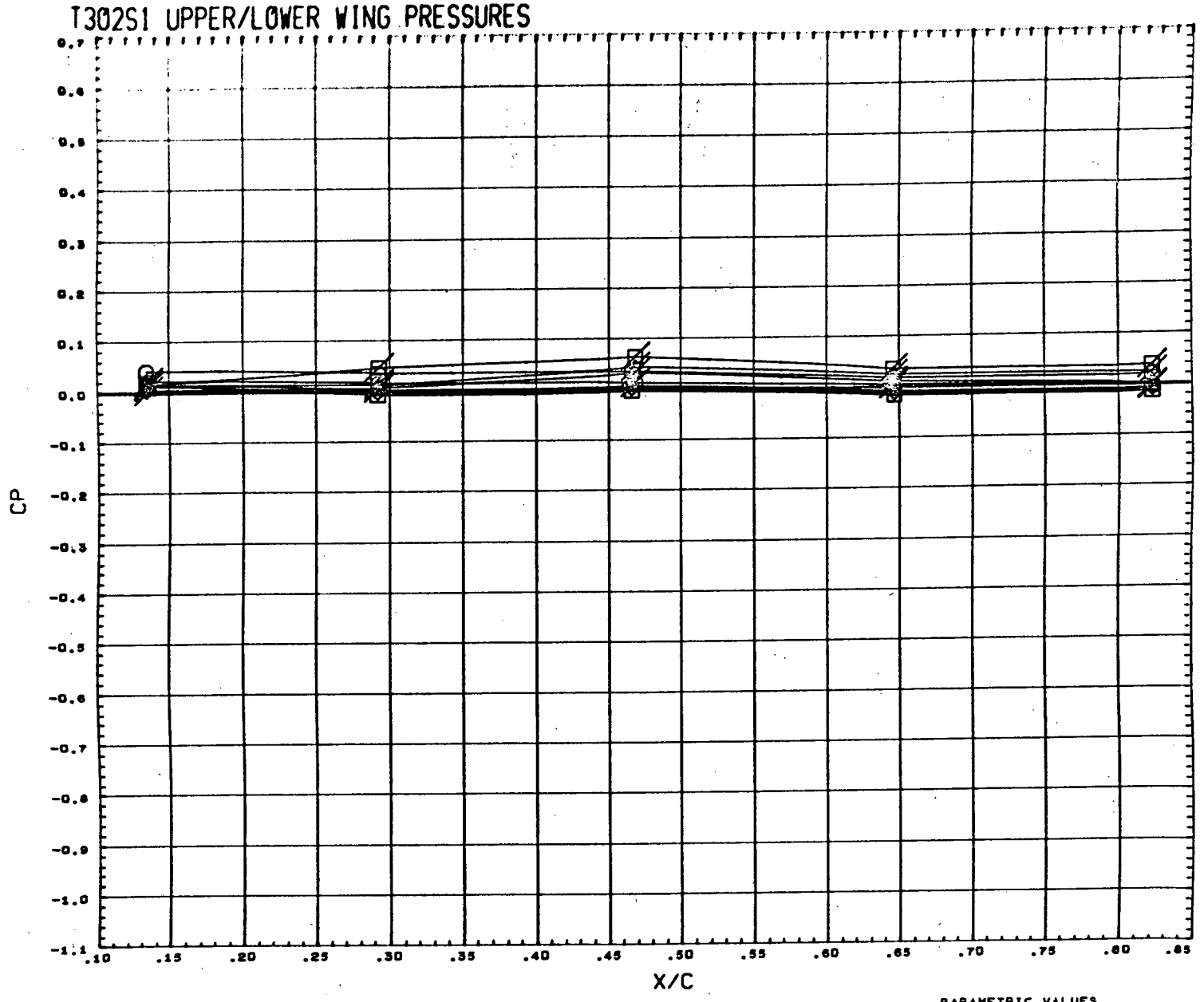
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873007)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73007)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	4.960
△	0.000		
◇	2.000		
□	6.000		

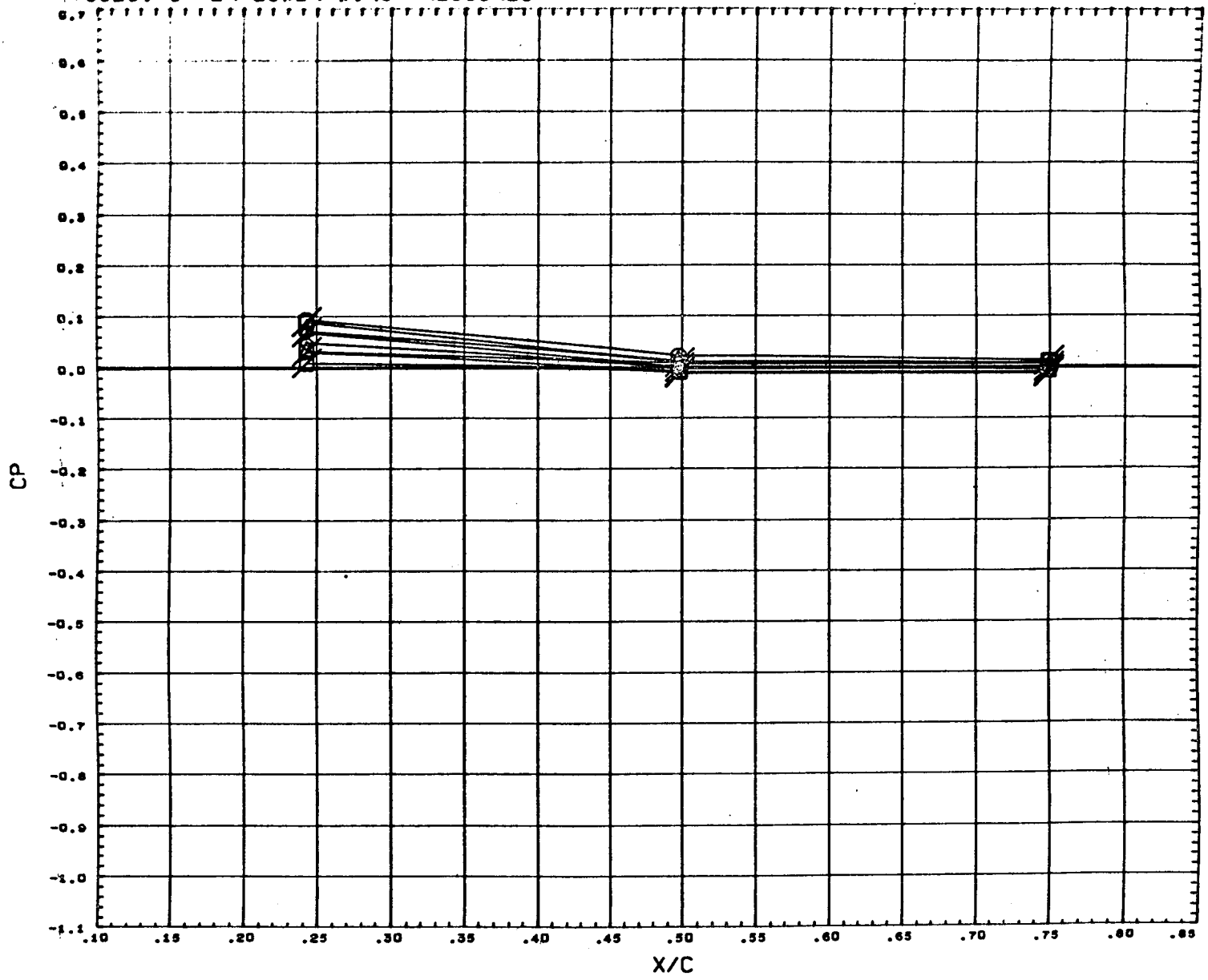
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73008)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73008)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	4.960
△	0.000		
◇	2.000		
□	6.000		

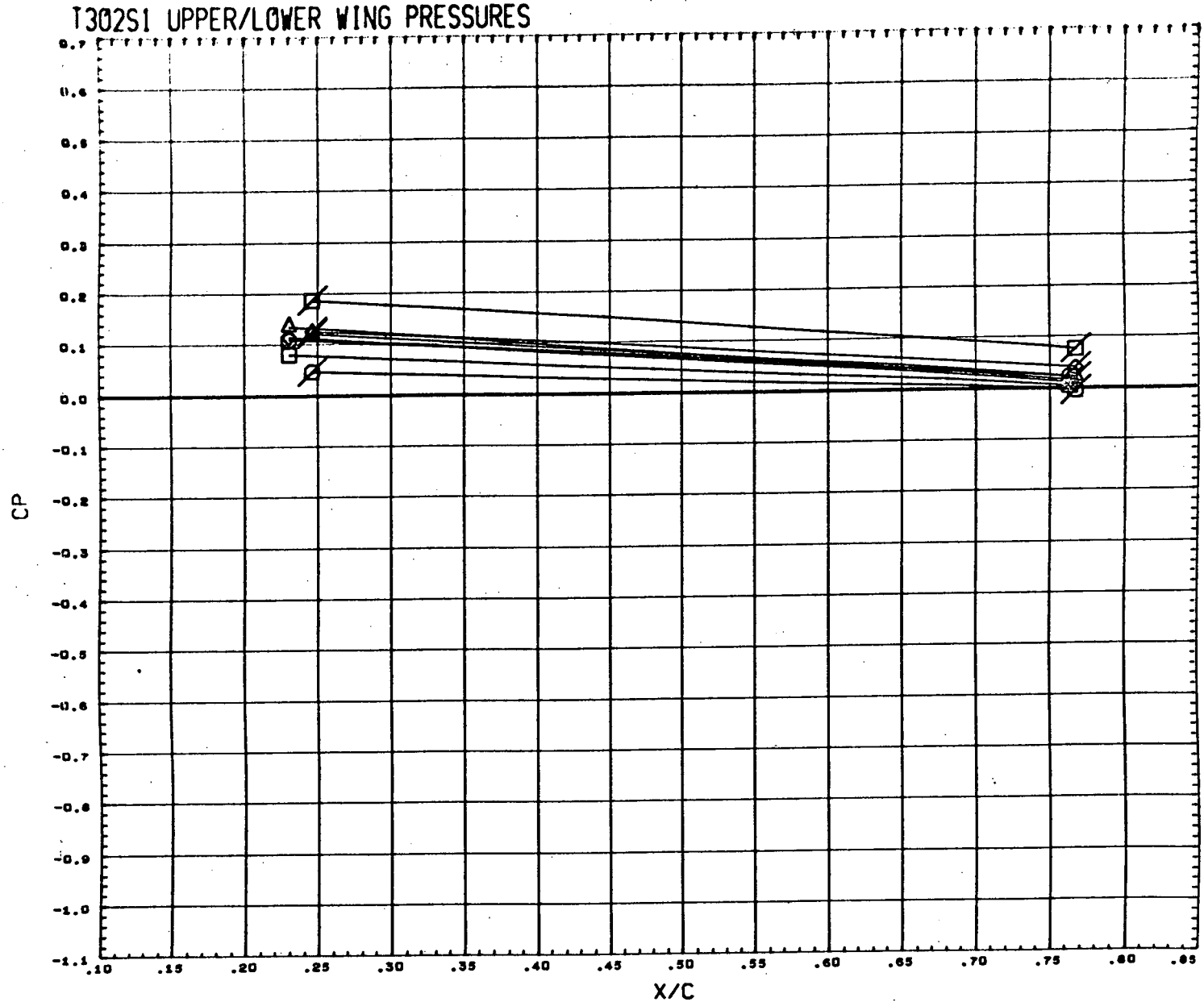
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.300

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73008)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73008)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	4.960
△	0.000		
◇	2.000		
□	6.000		

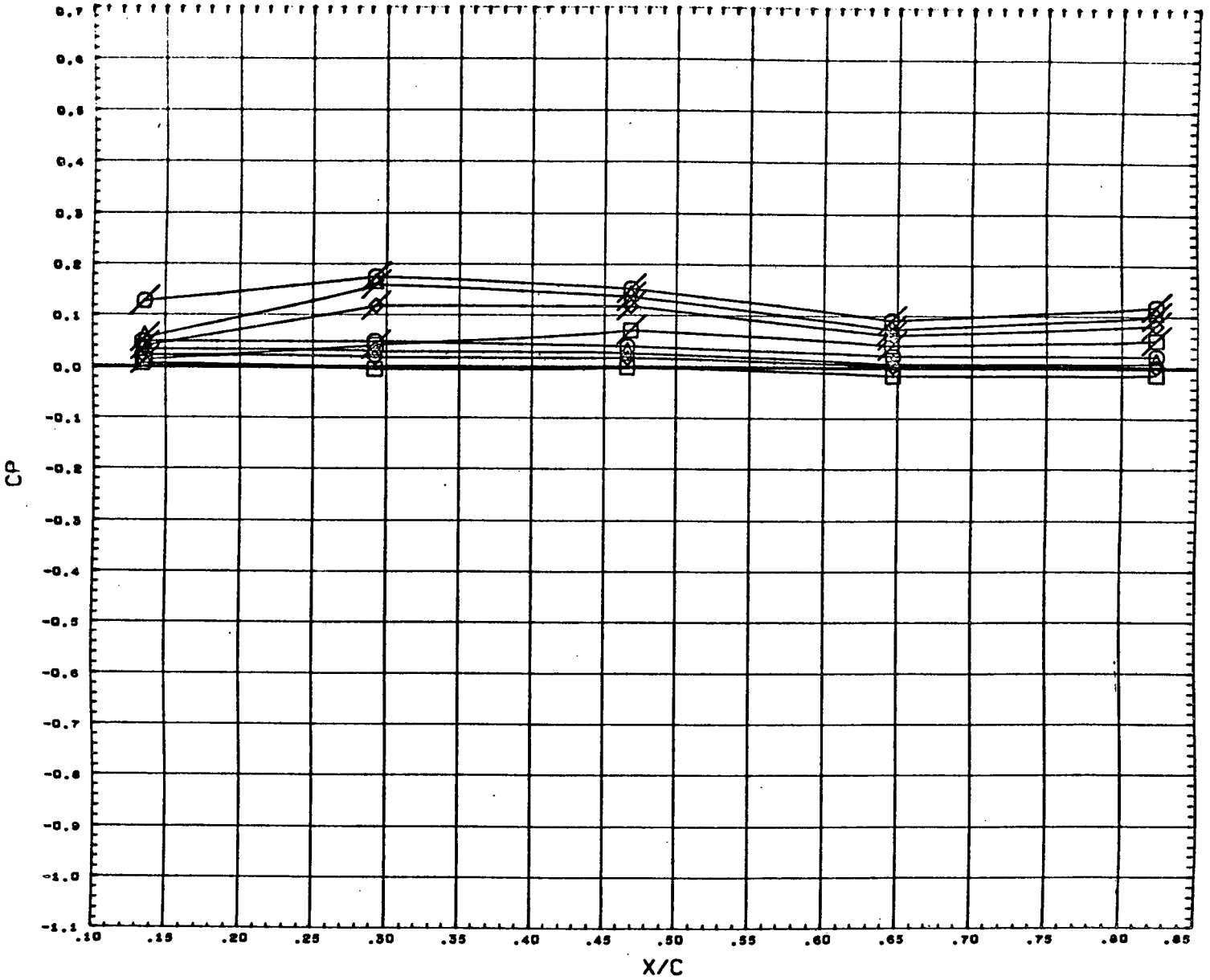
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73008)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73008)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



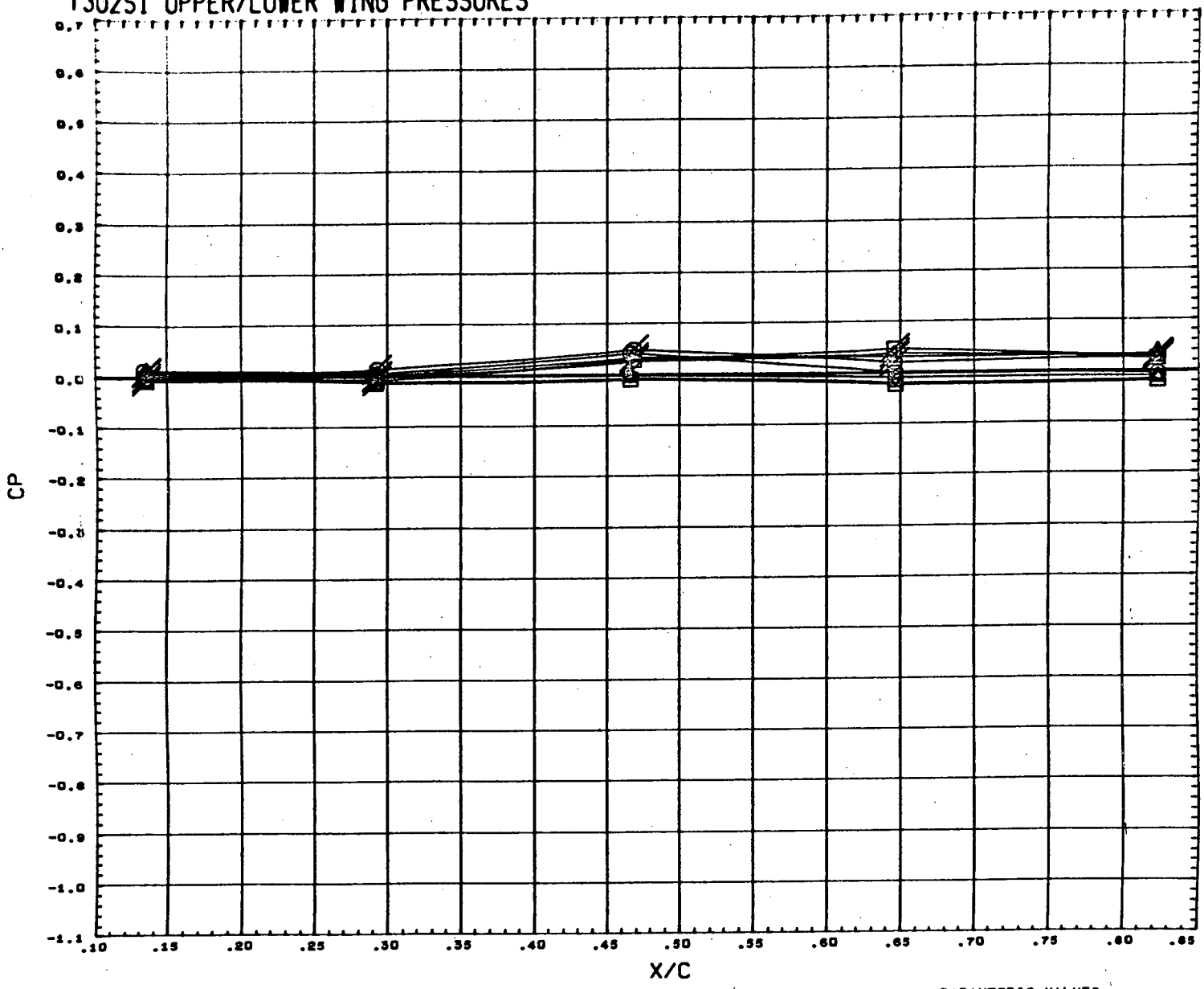
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



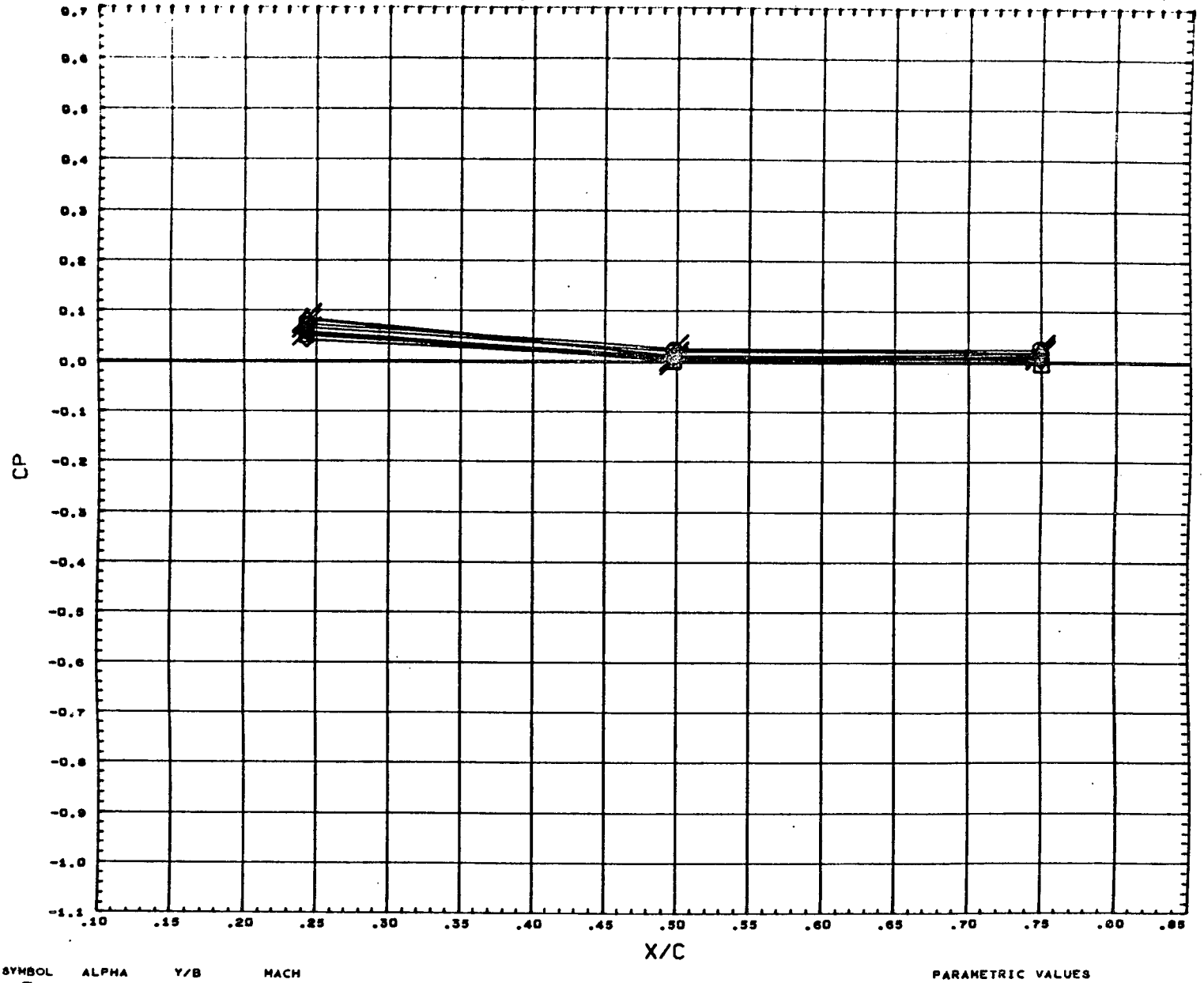
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	4.960
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



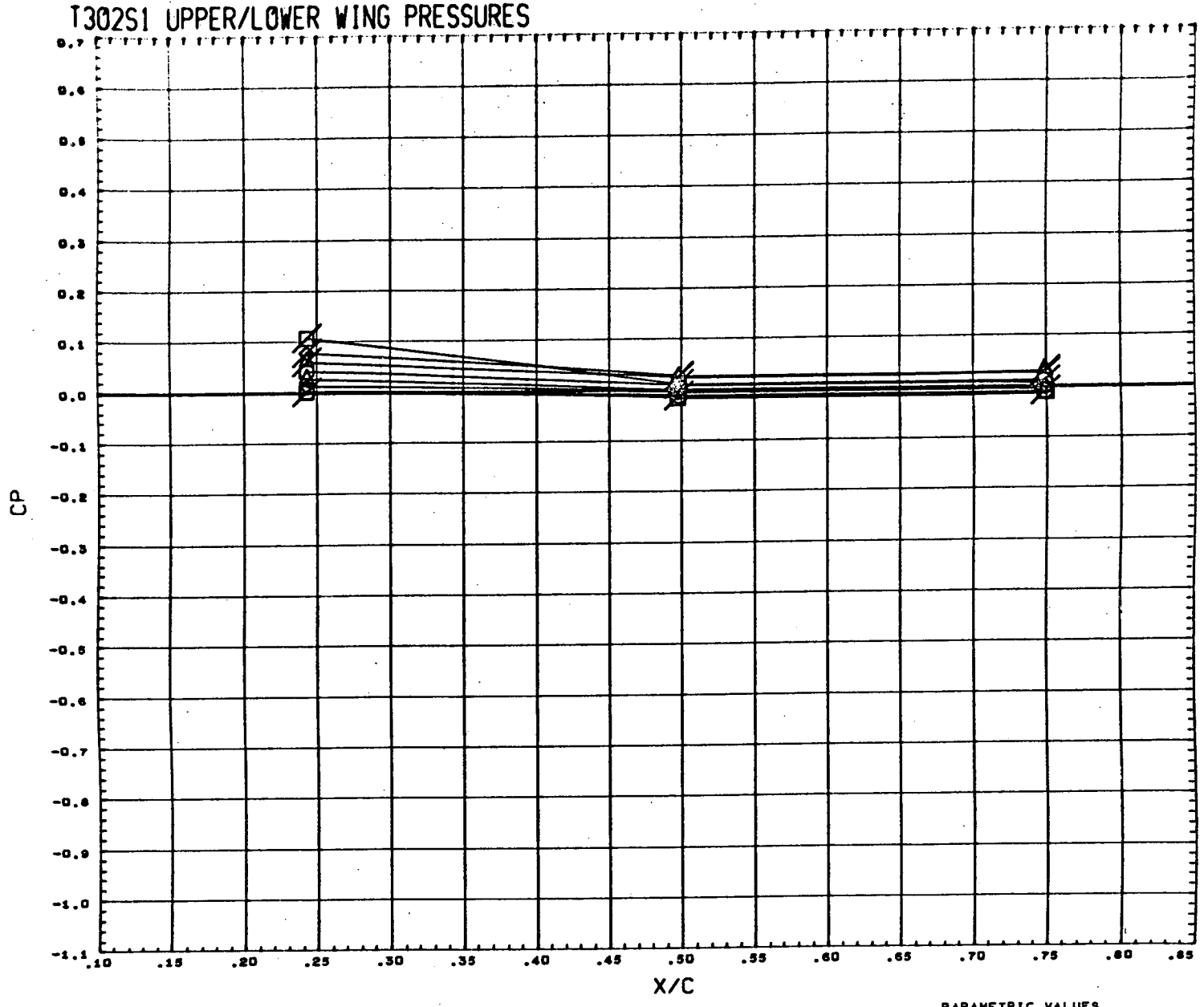
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	4.960
△	- 6.000		
◇	- 4.000		
□	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	4.960
△	4.000		
◇	6.000		
□	8.000		

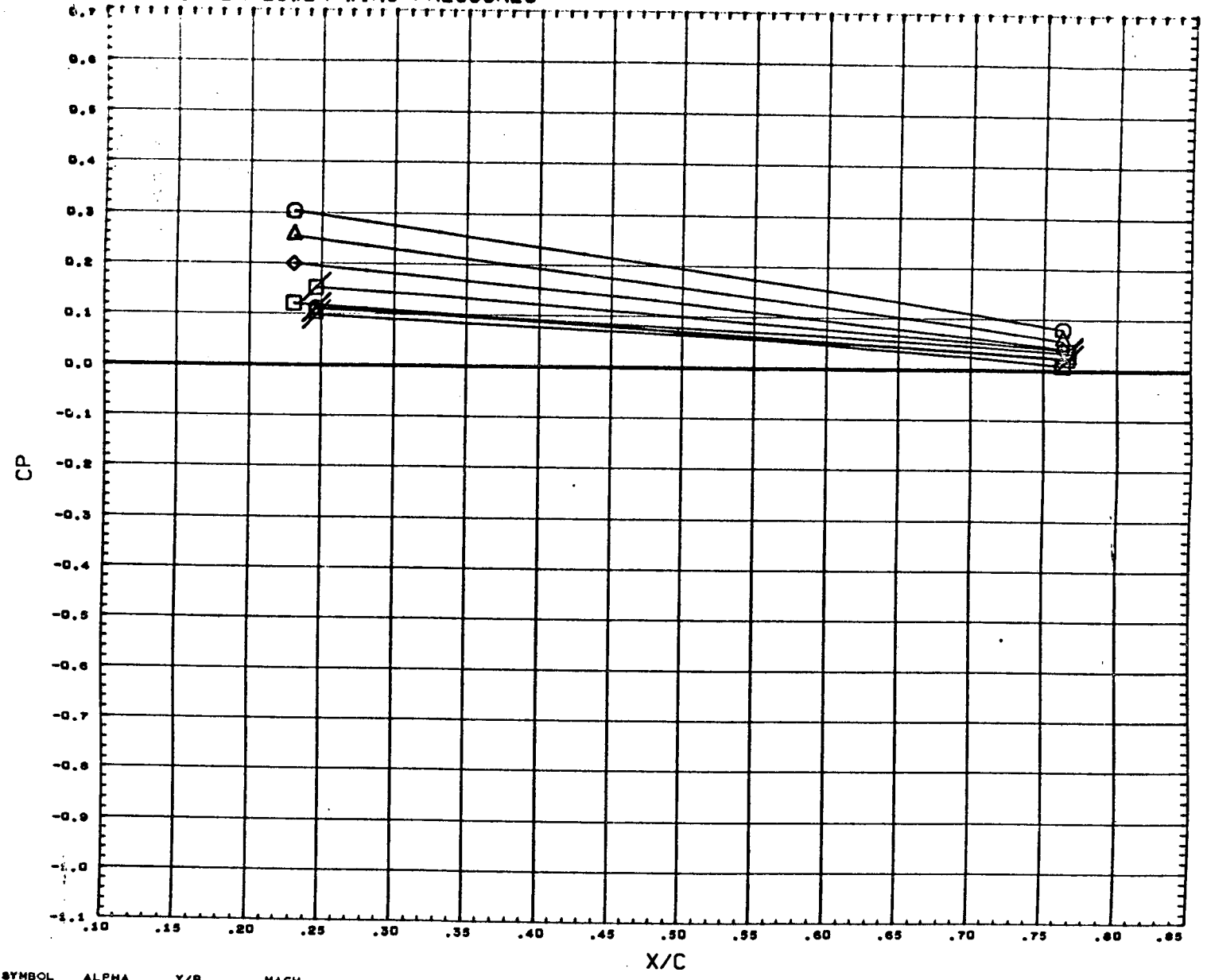
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



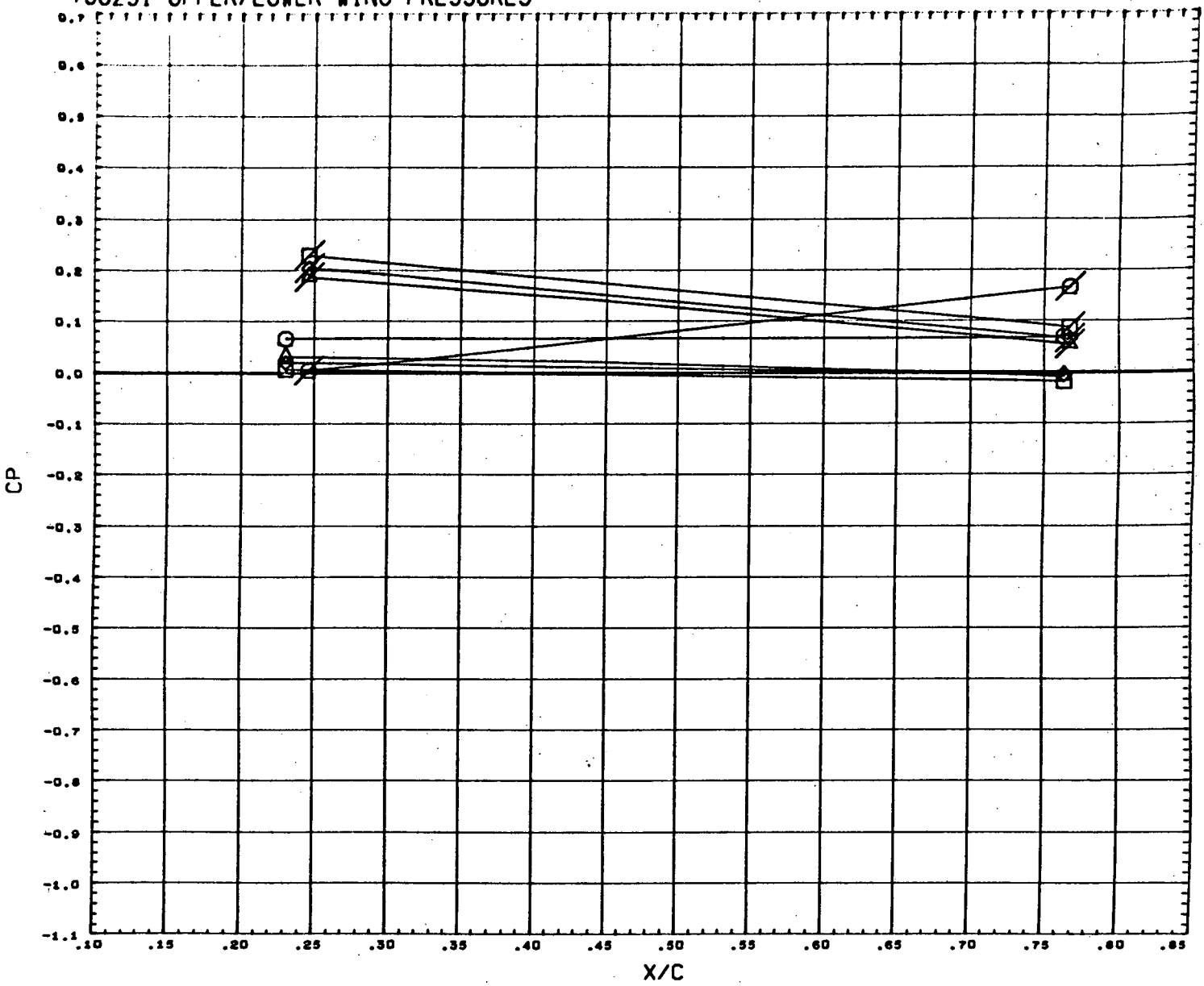
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.645	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	4.960
△	4.000		
◇	6.000		
□	8.000		

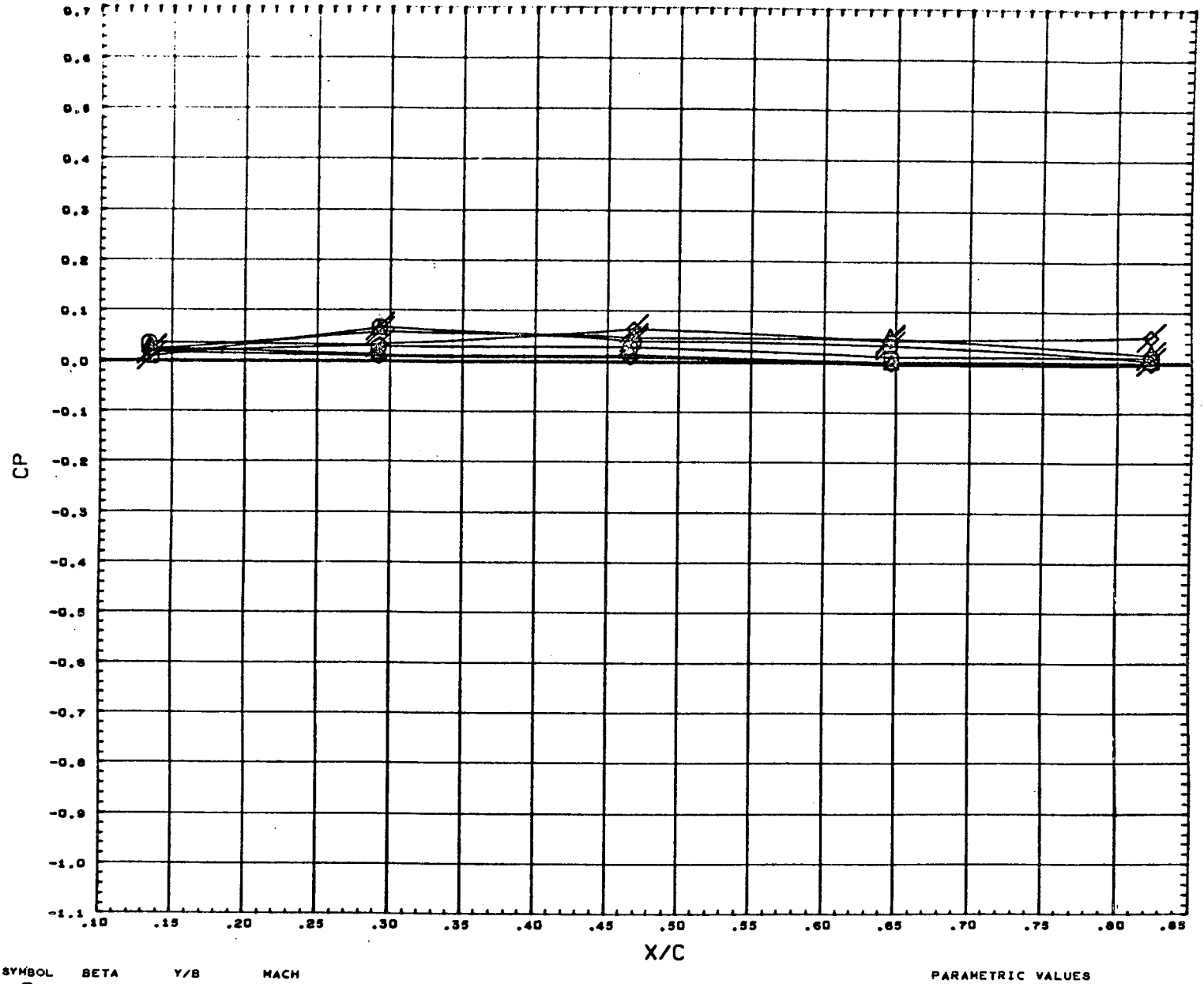
PARAMETRIC VALUES

BETA . 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73009)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73009)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



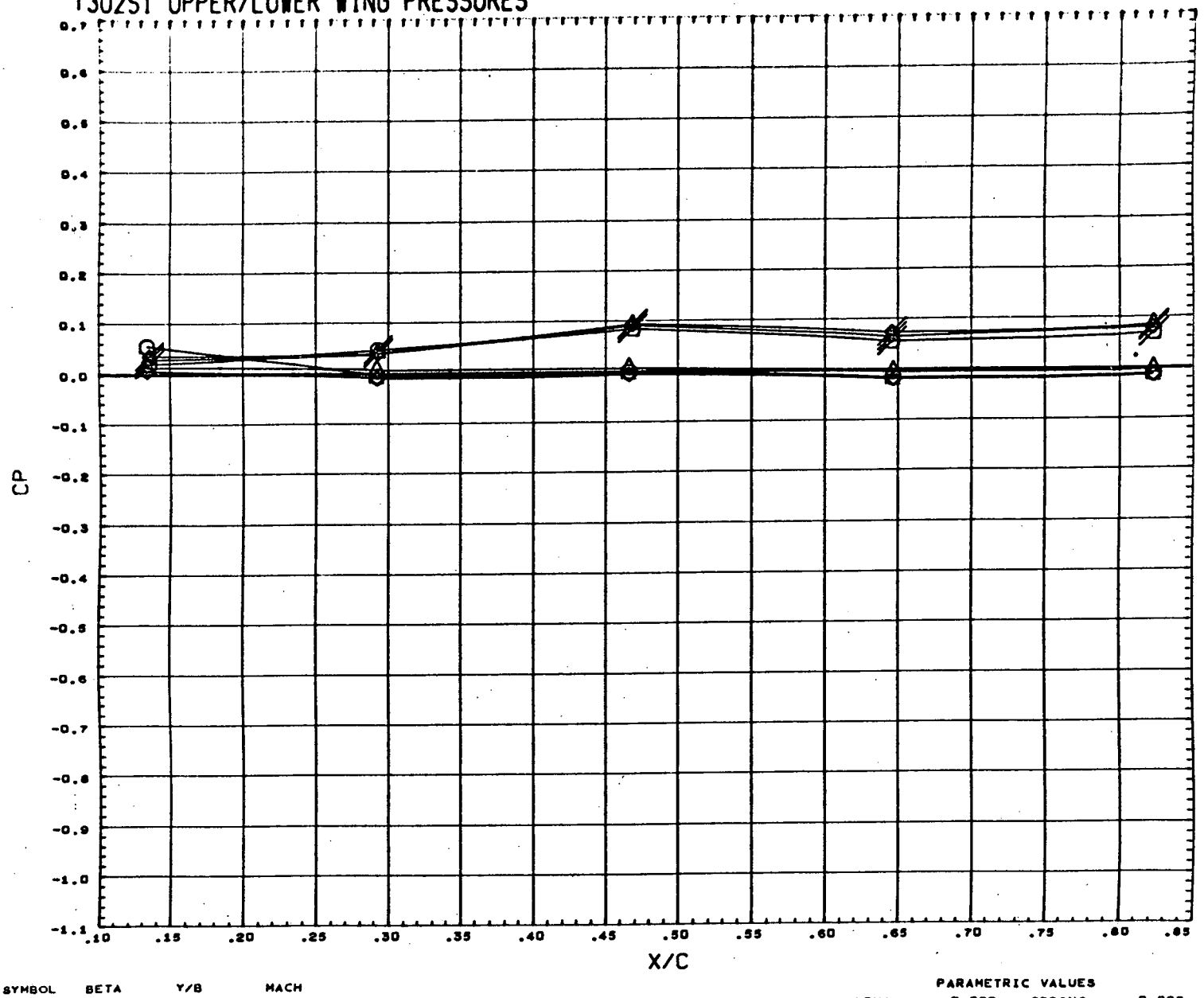
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	4.960
△	- 4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	4.960
△	4.000		
◇	6.000		

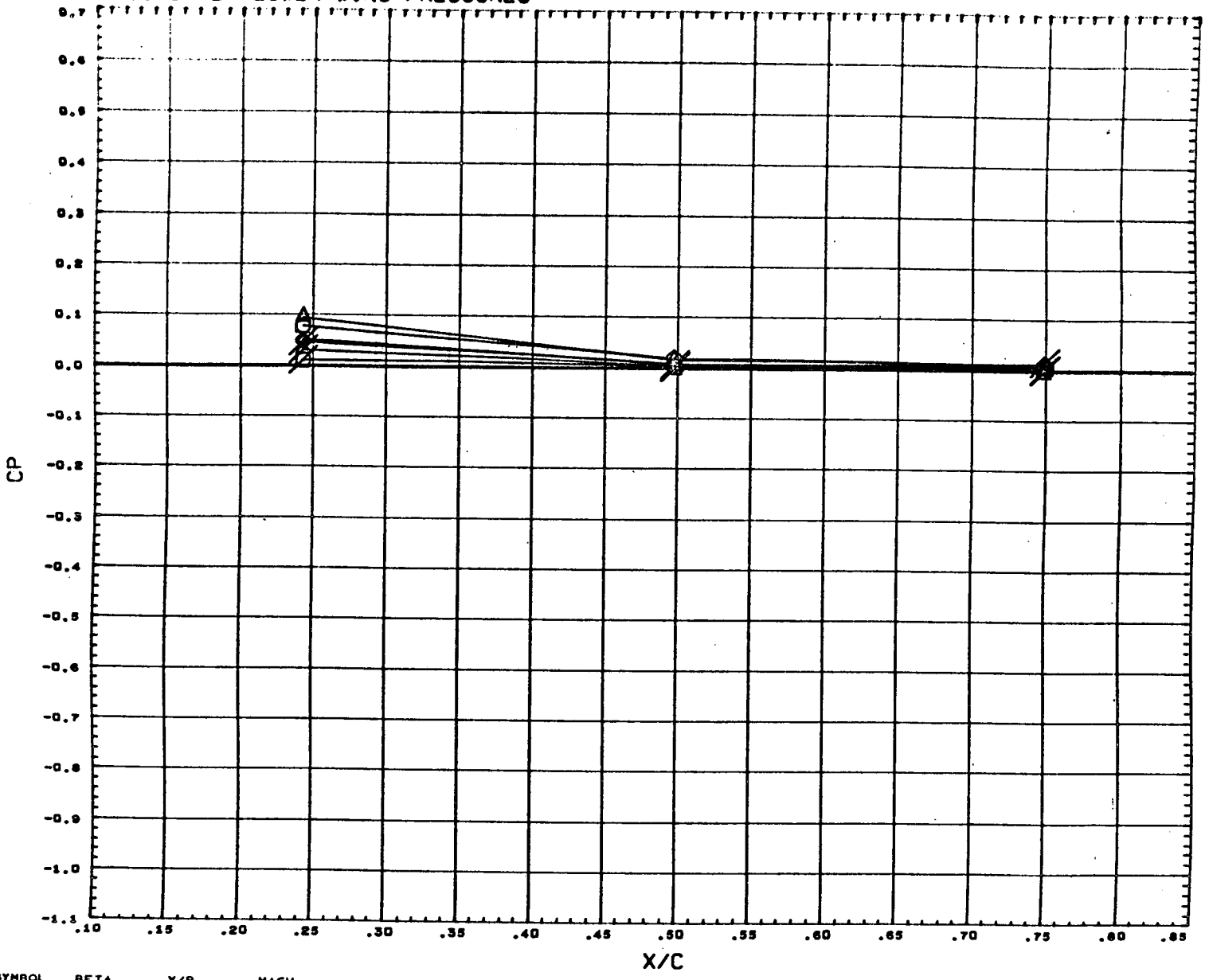
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

C5

T302S1 UPPER/LOWER WING PRESSURES



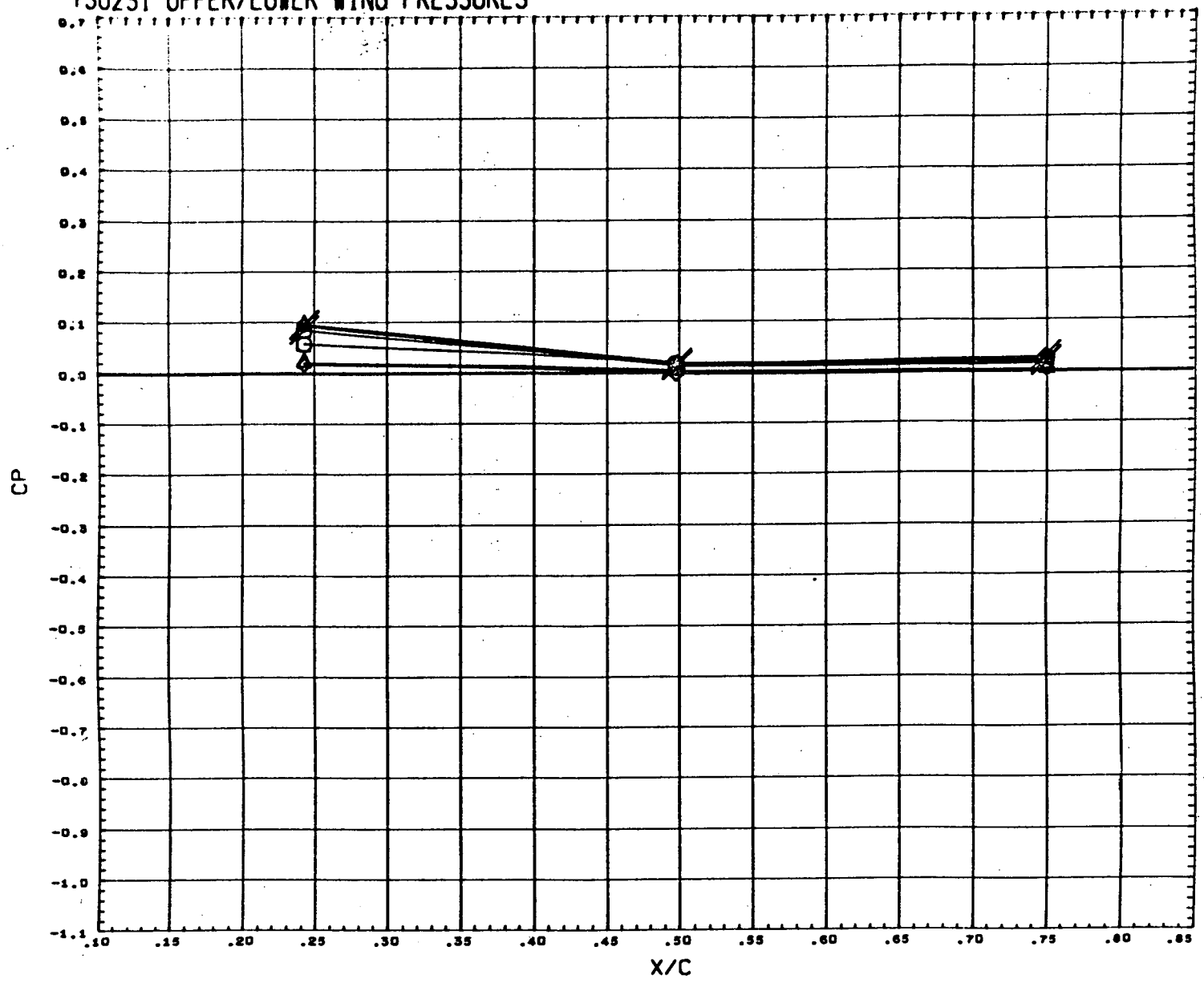
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	4.960
△	4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



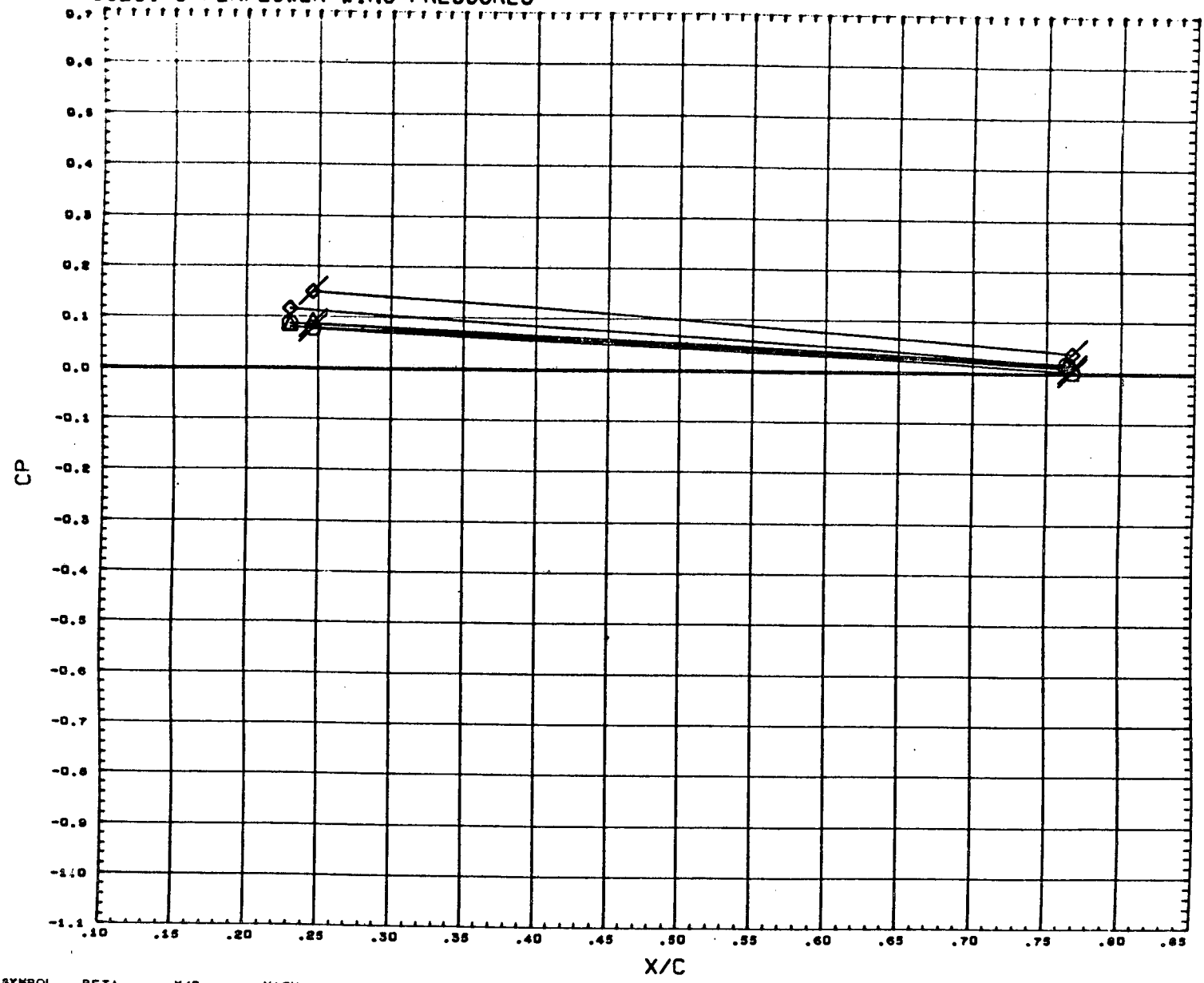
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	4.960
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



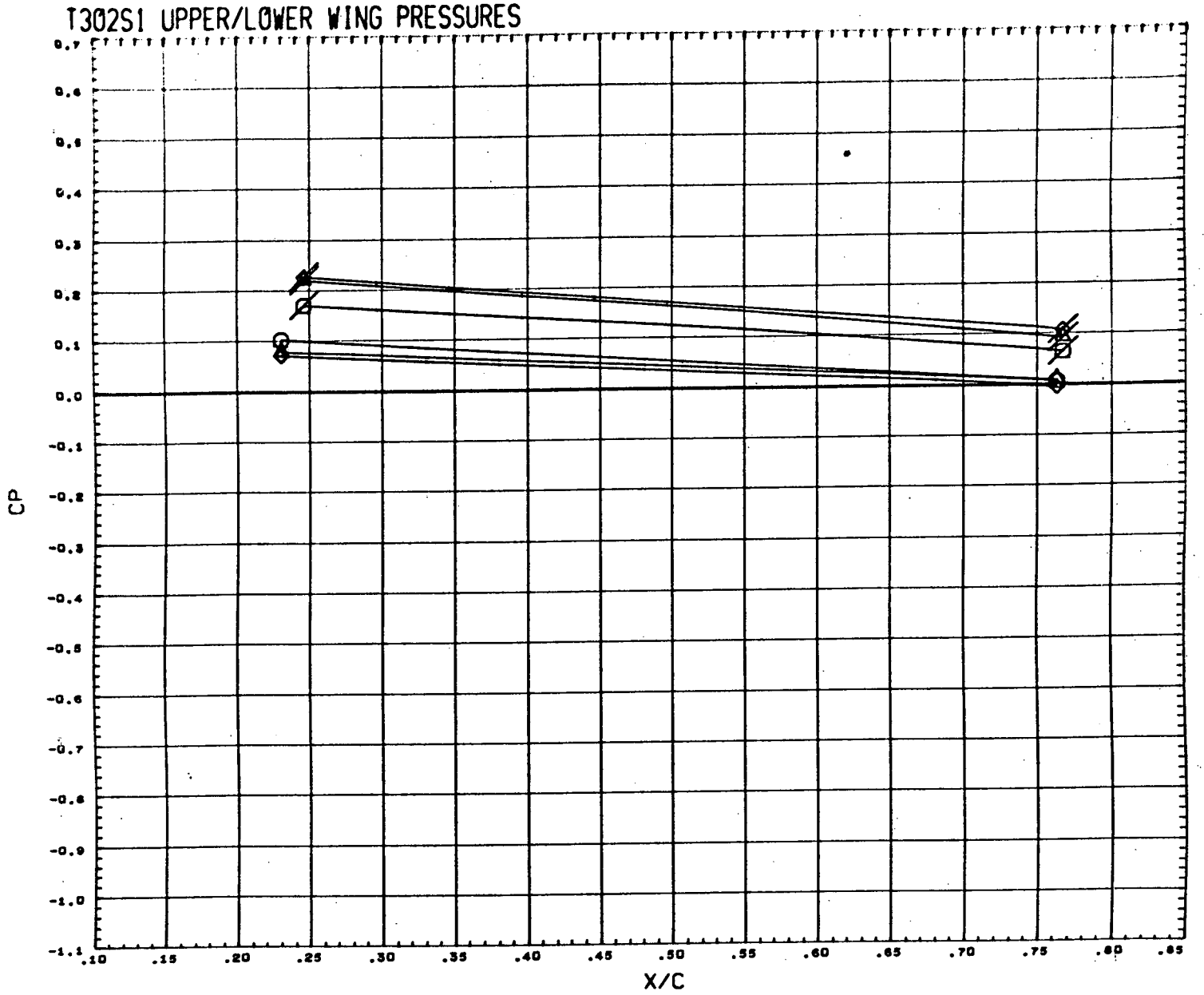
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	4.960
△	- 4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



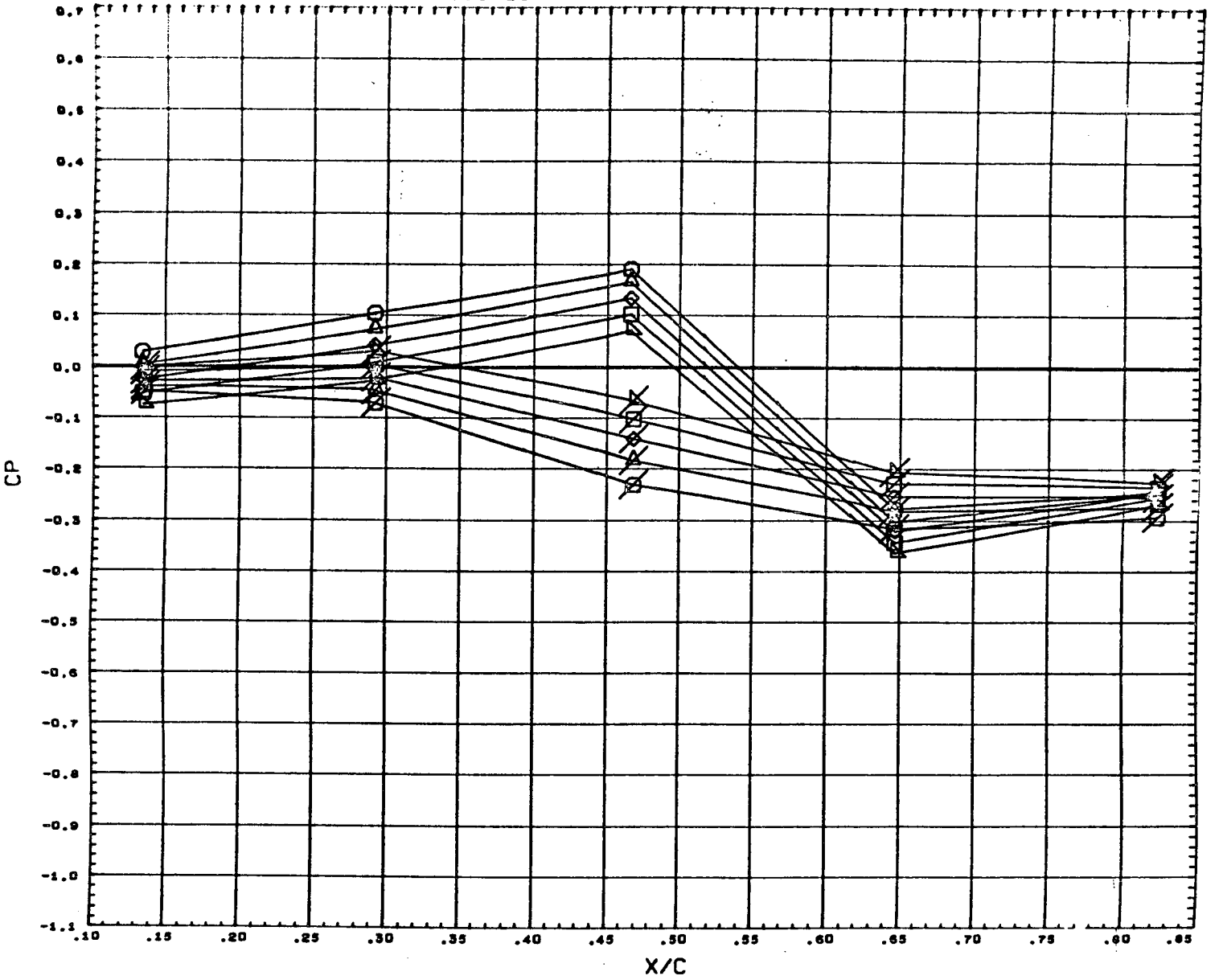
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	4.960
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873010)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73010)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



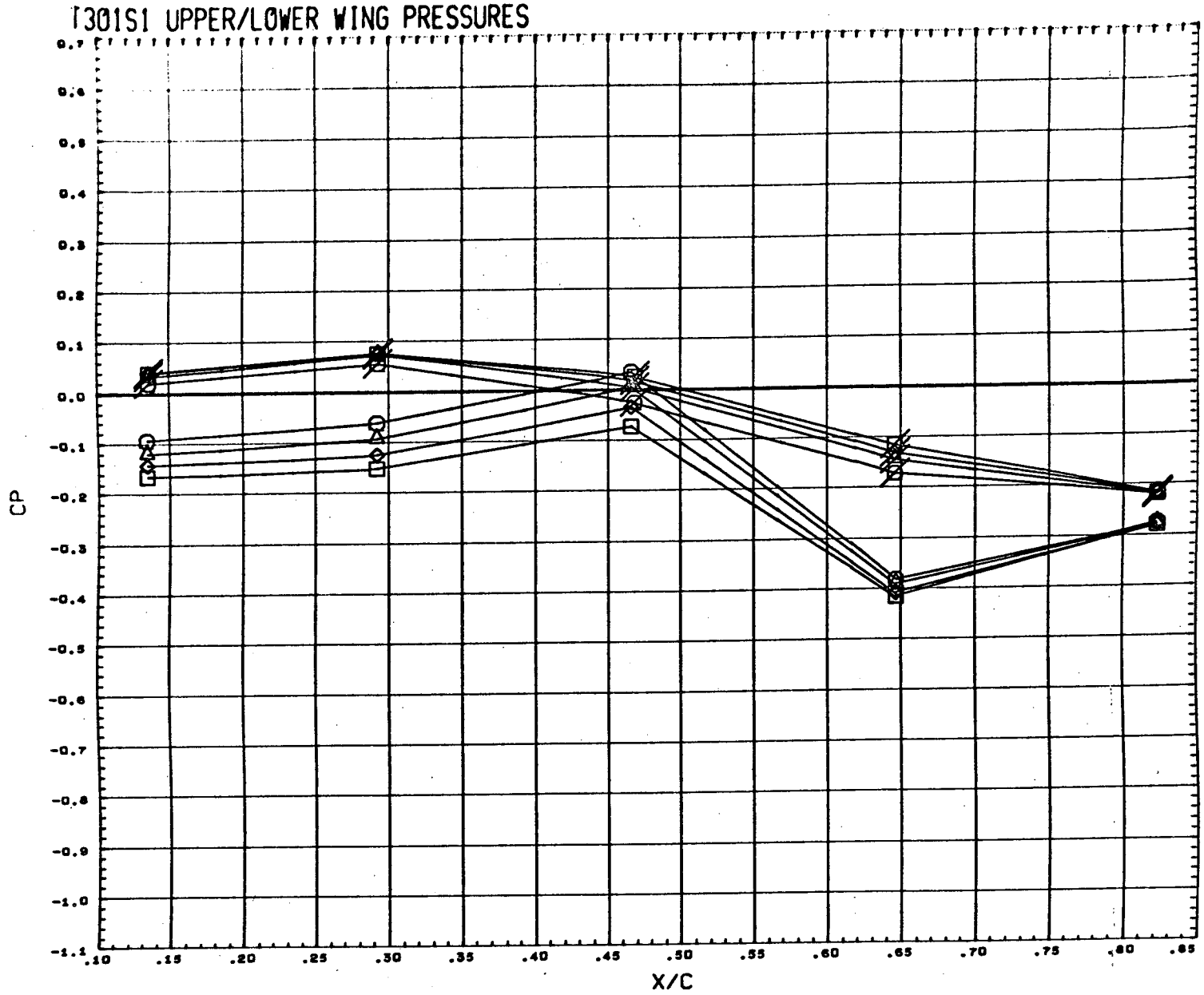
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	0.599
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.599
△	4.000		
◇	6.000		
□	8.000		

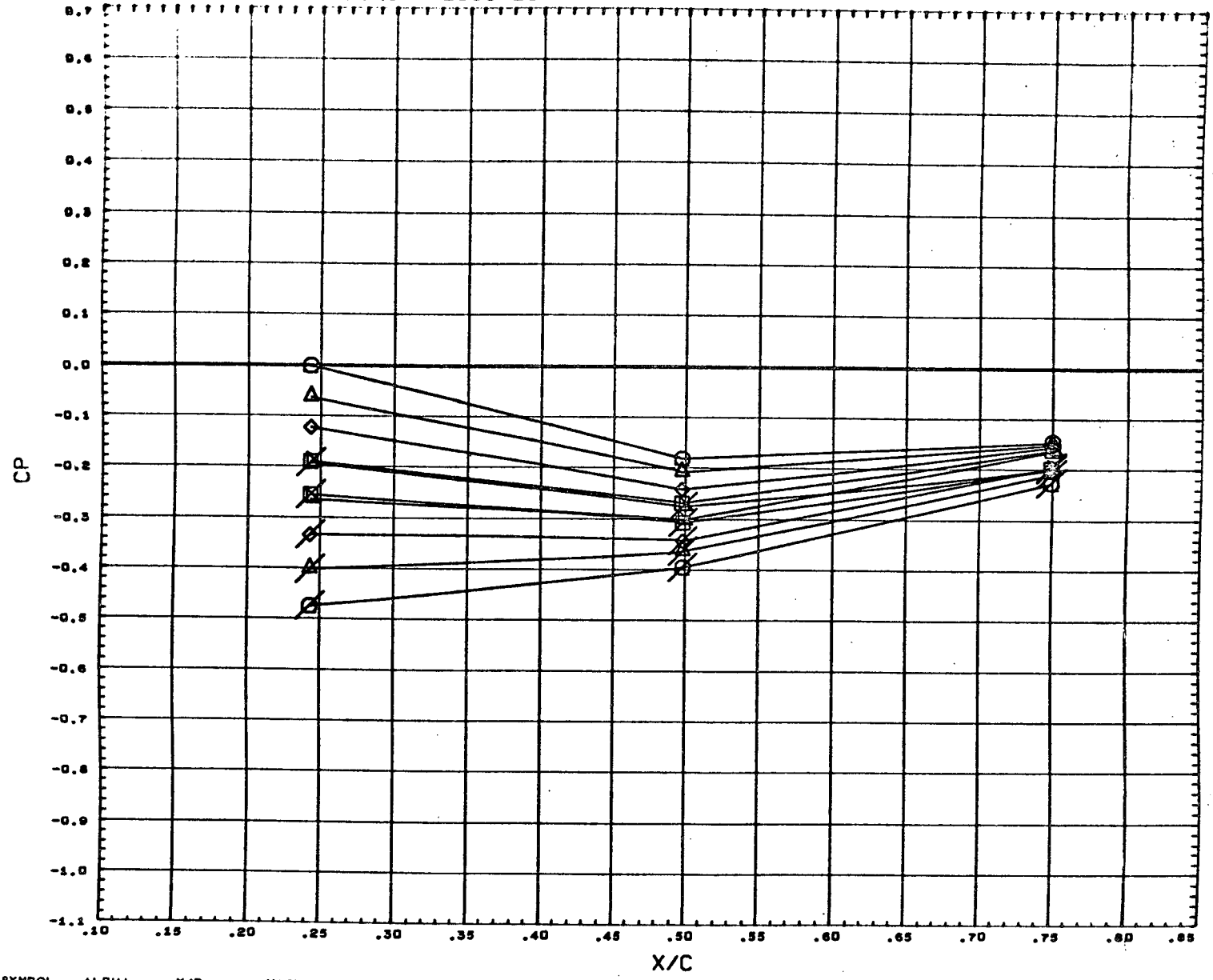
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



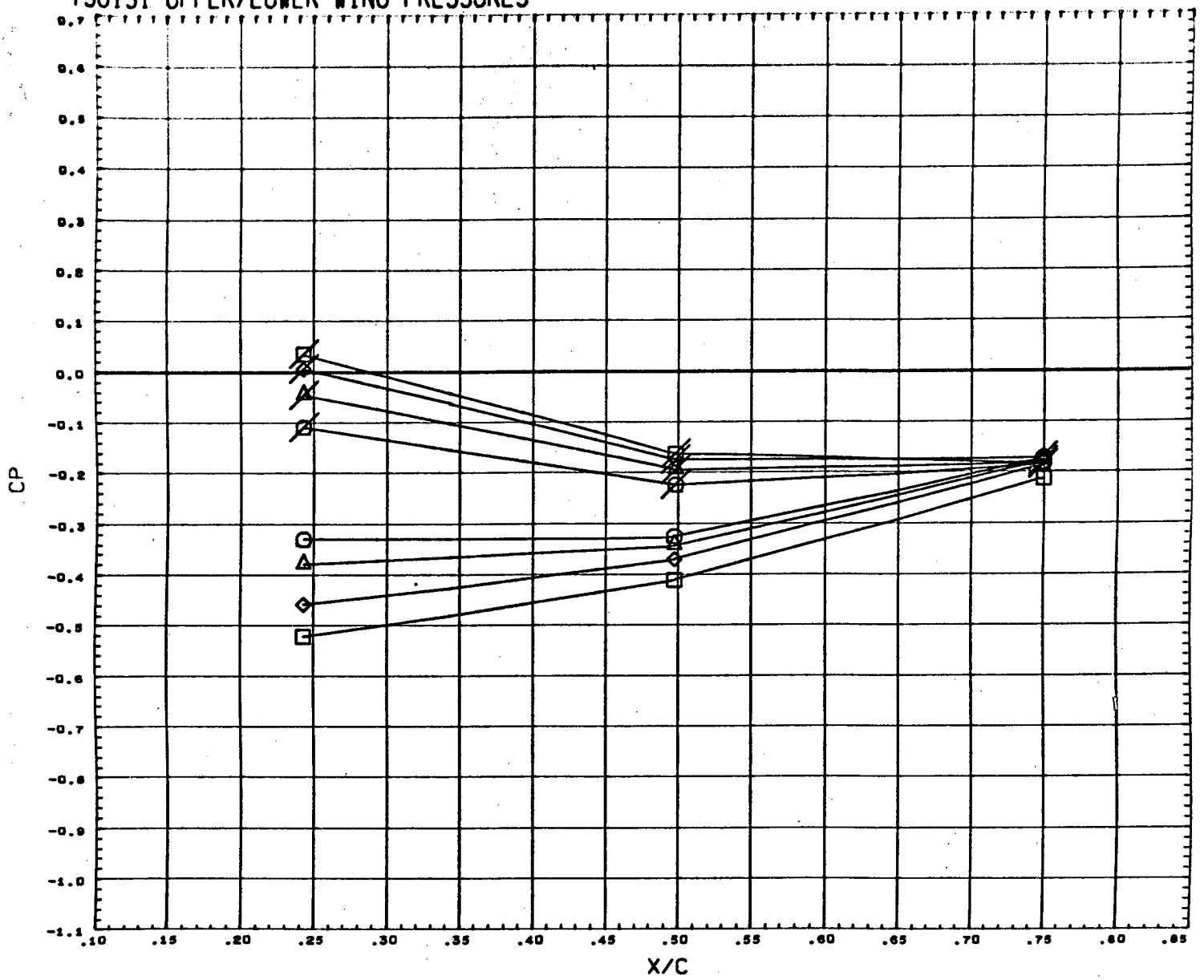
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	0.599
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.599
△	4.000		
◇	6.000		
□	8.000		

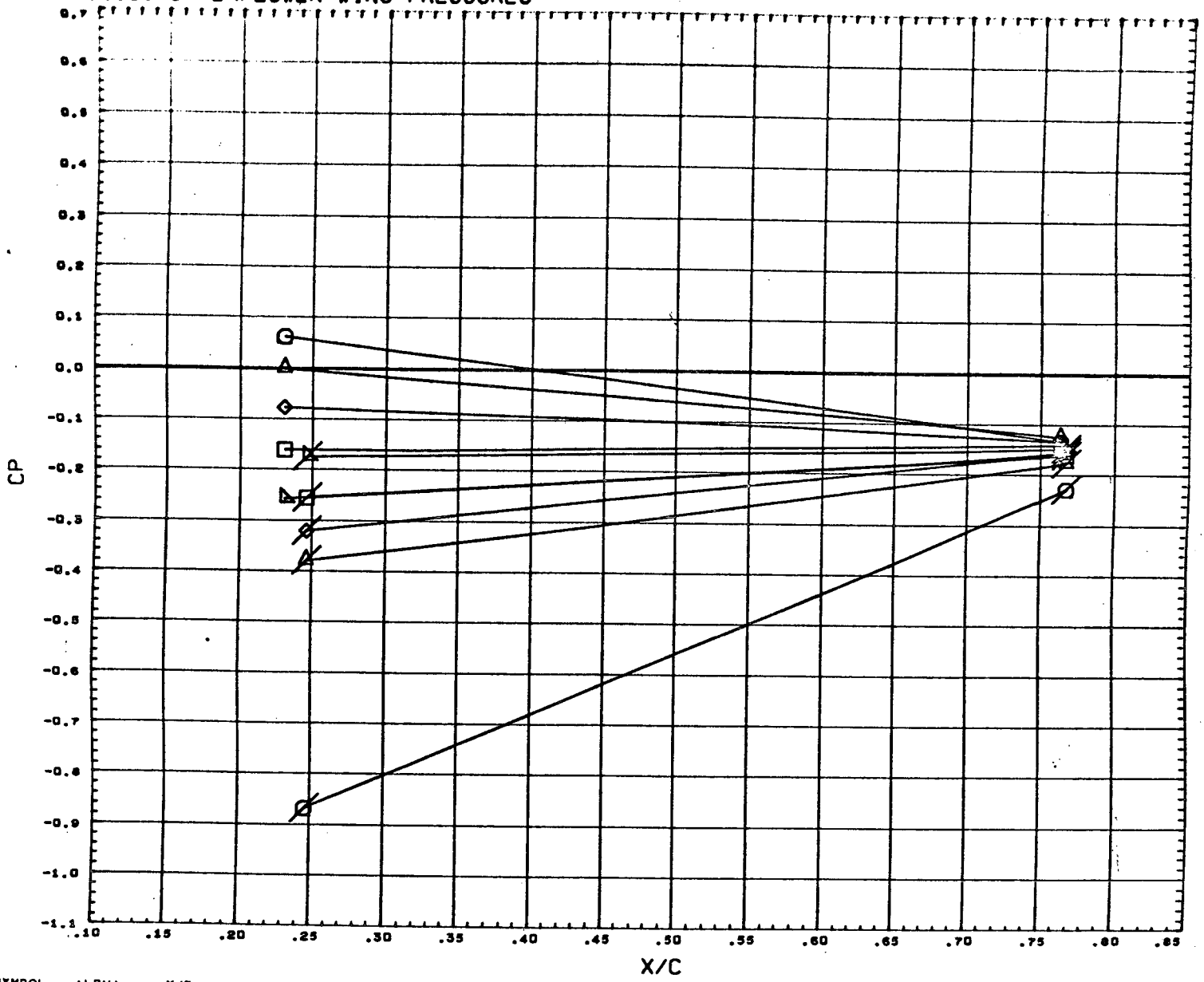
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



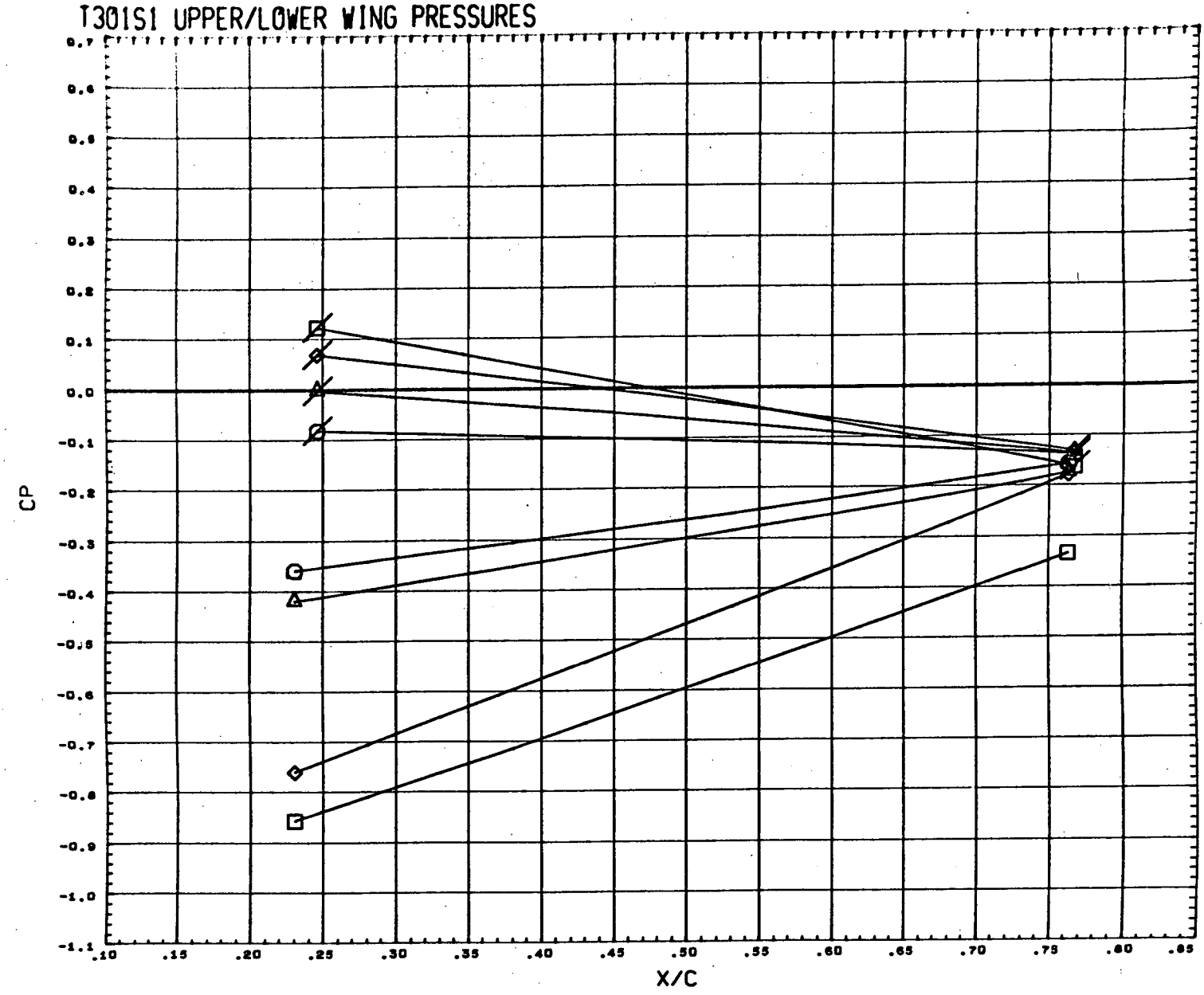
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.599
△	6.000		
◇	4.000		
□	2.000		
◹	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



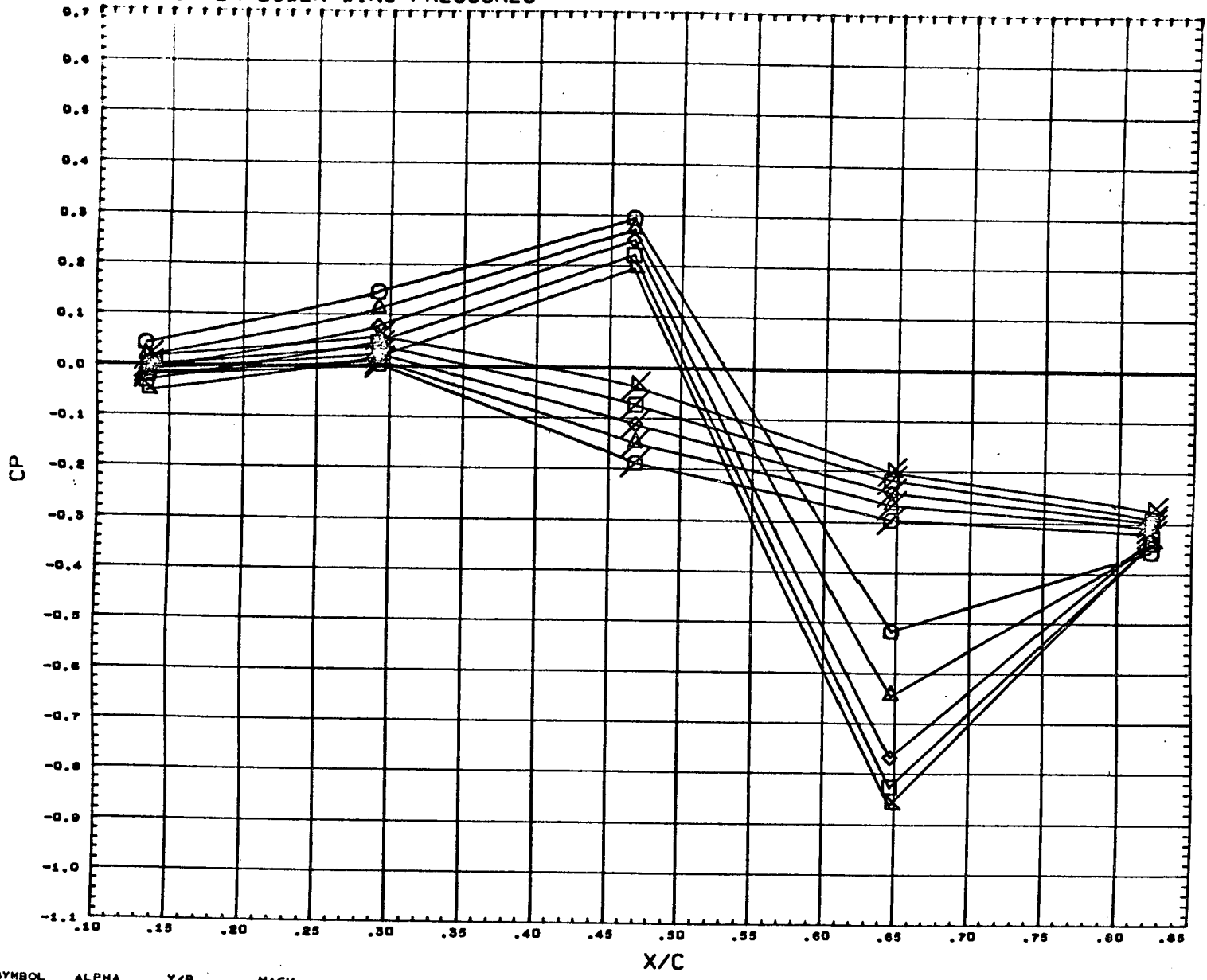
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.599
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



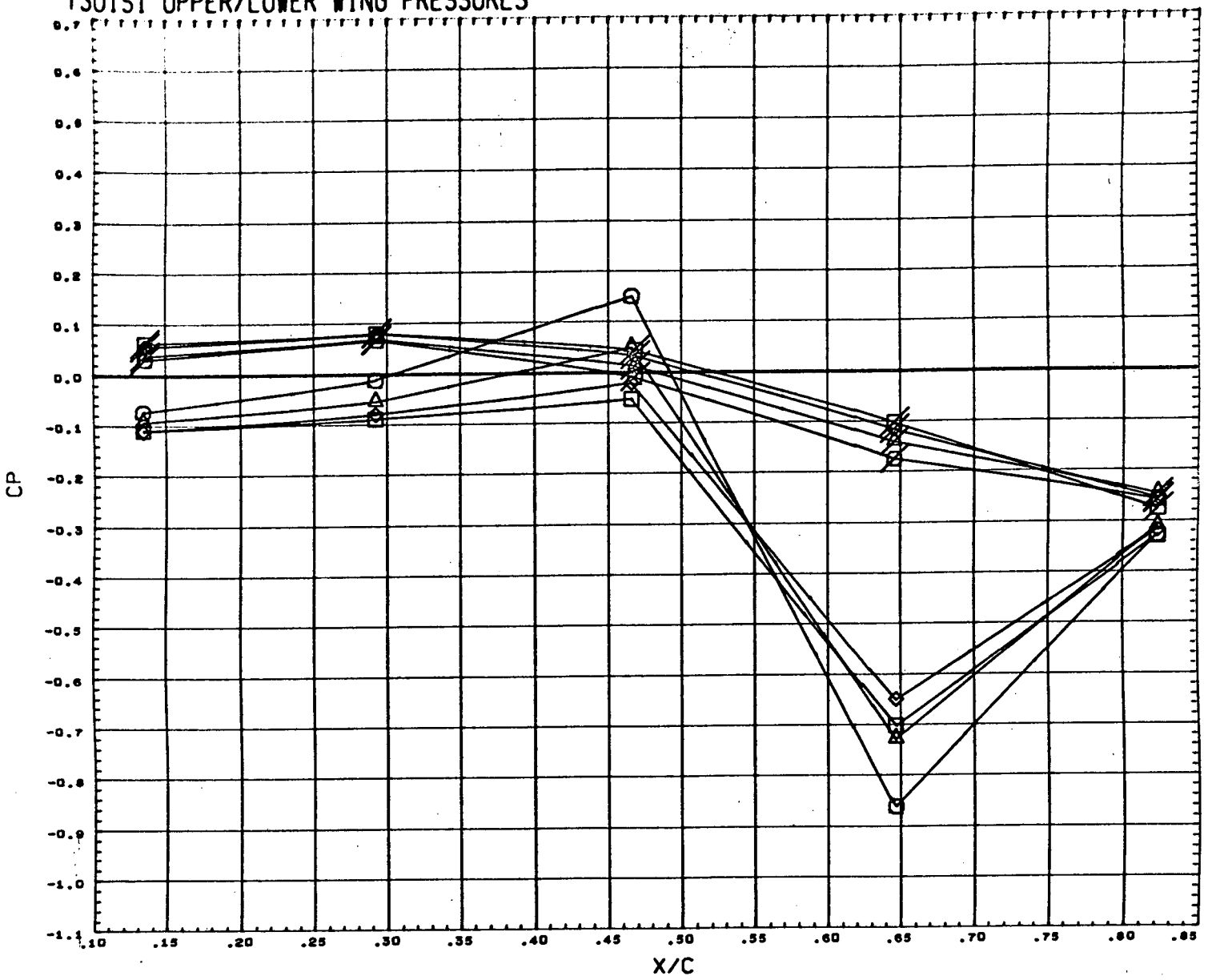
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.899
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



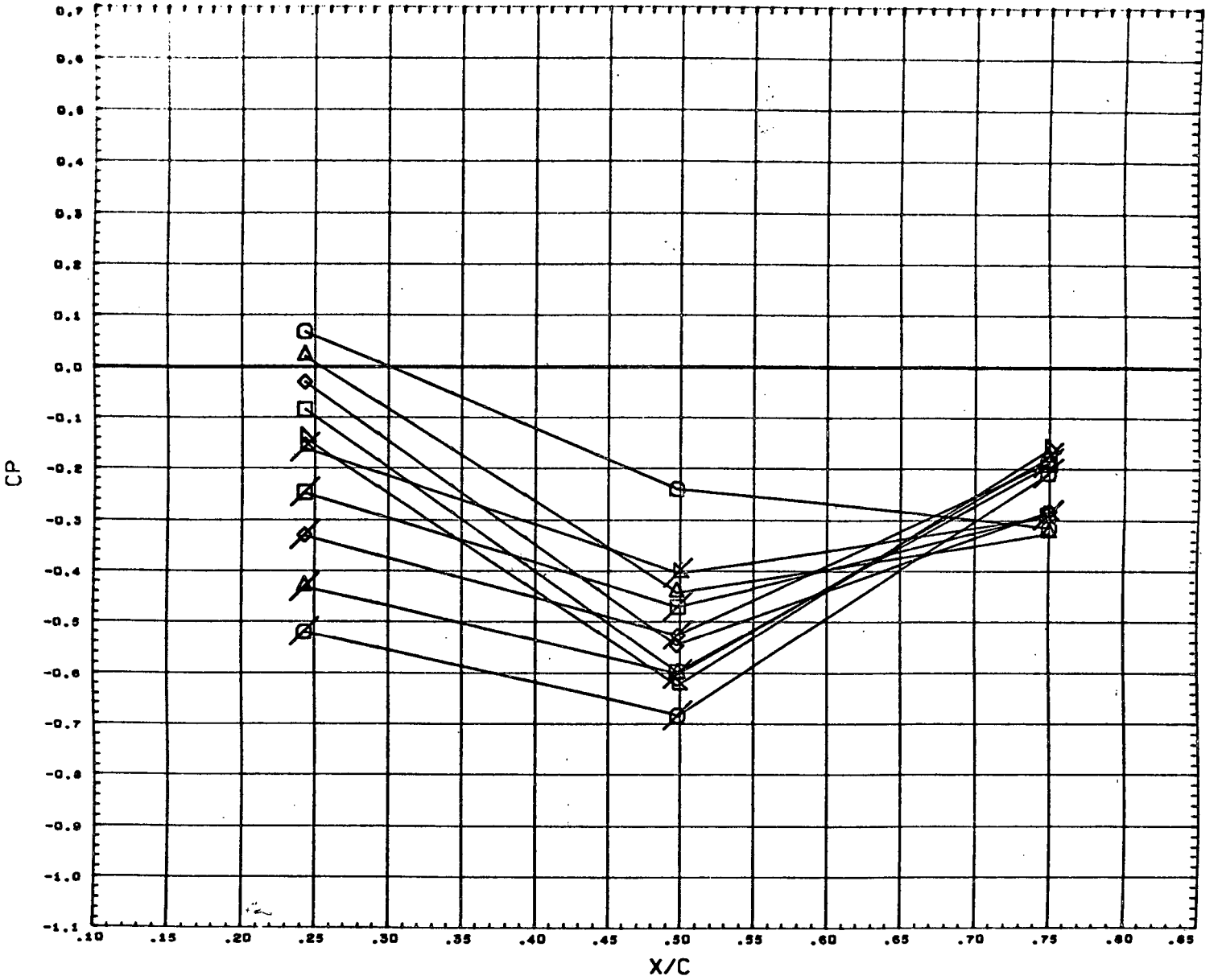
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.899
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



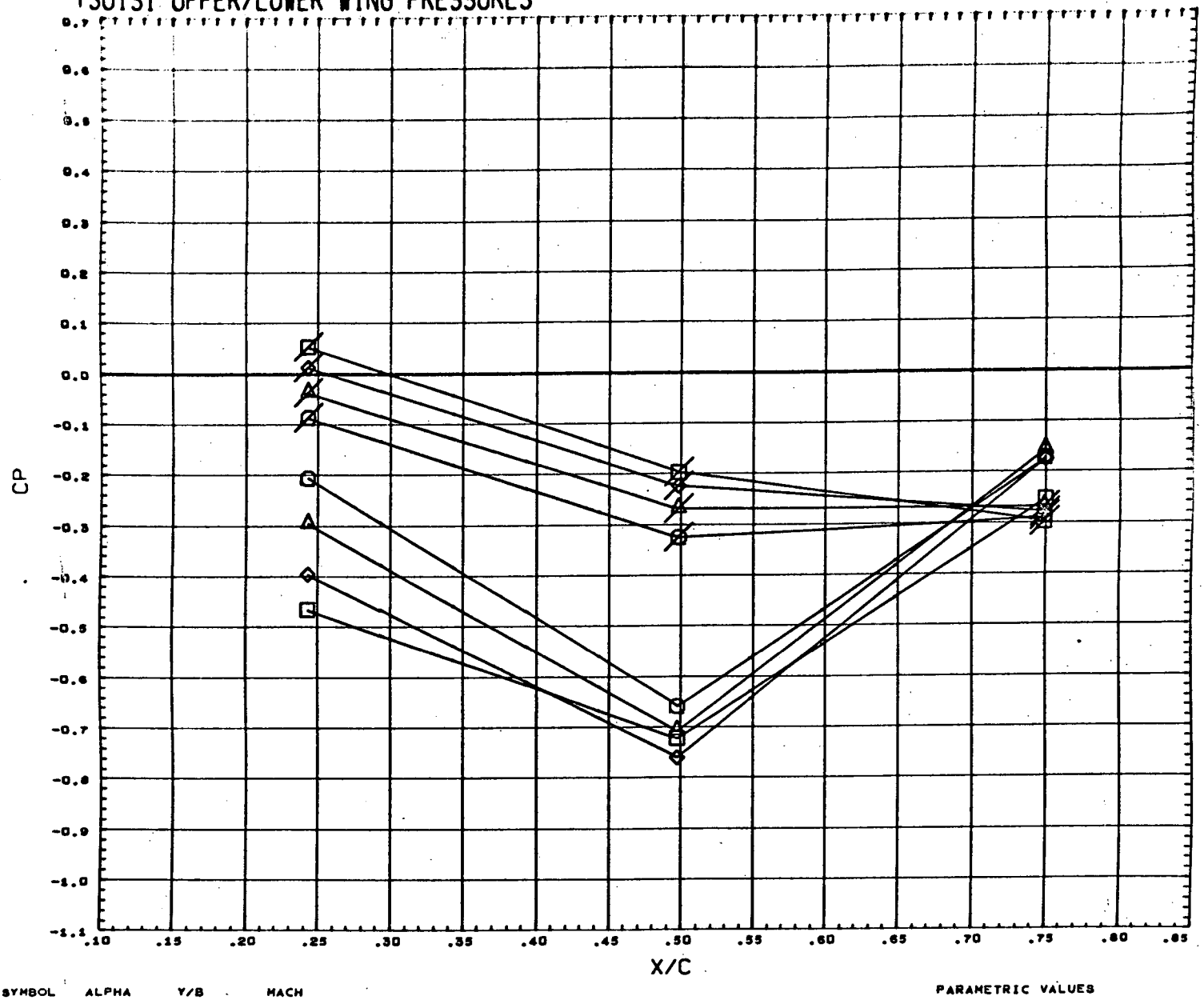
SYMBOL	ALPHA	Y/B	MACH
	8.000	0.560	0.899
	6.000		
	4.000		
	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



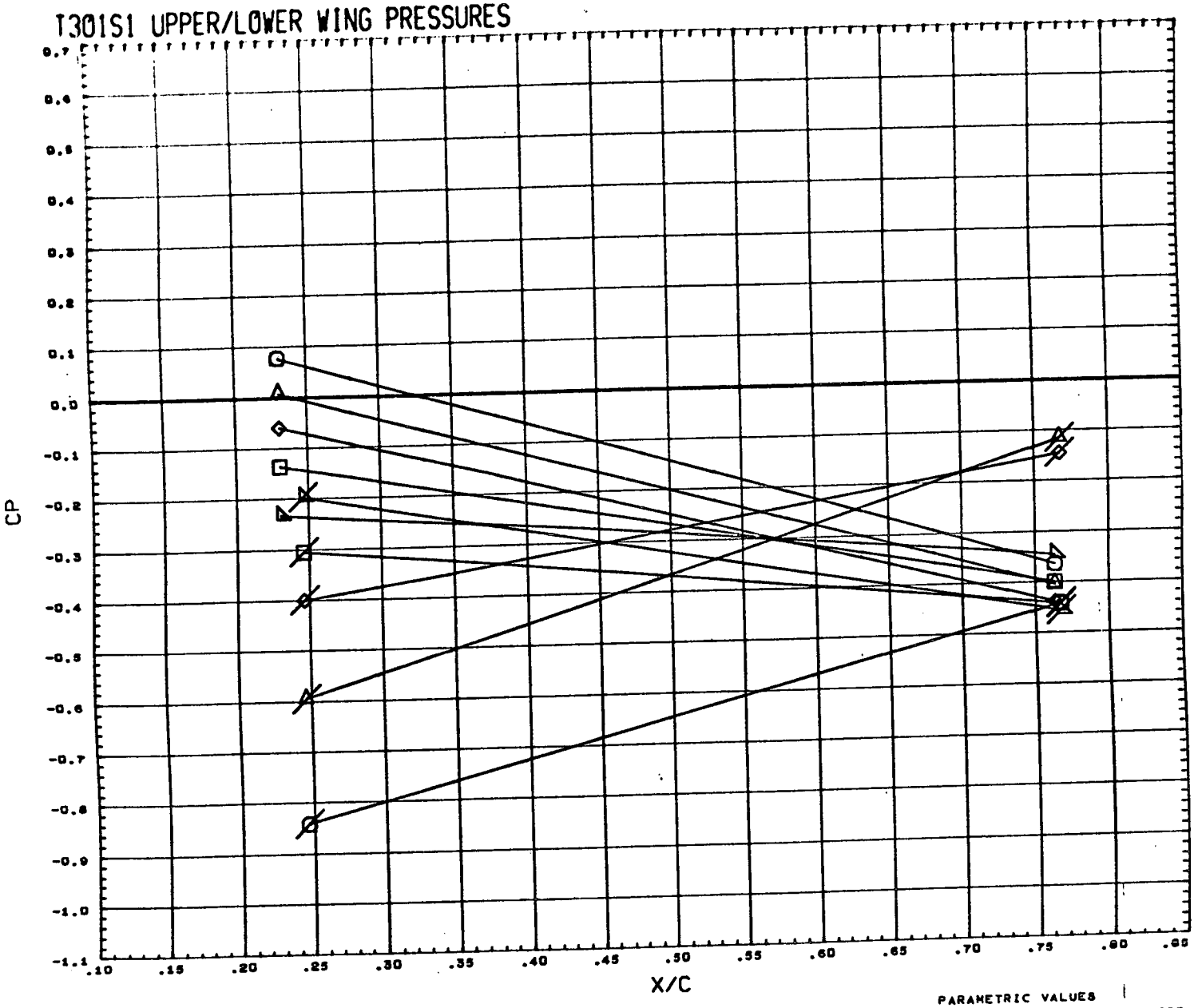
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.899
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



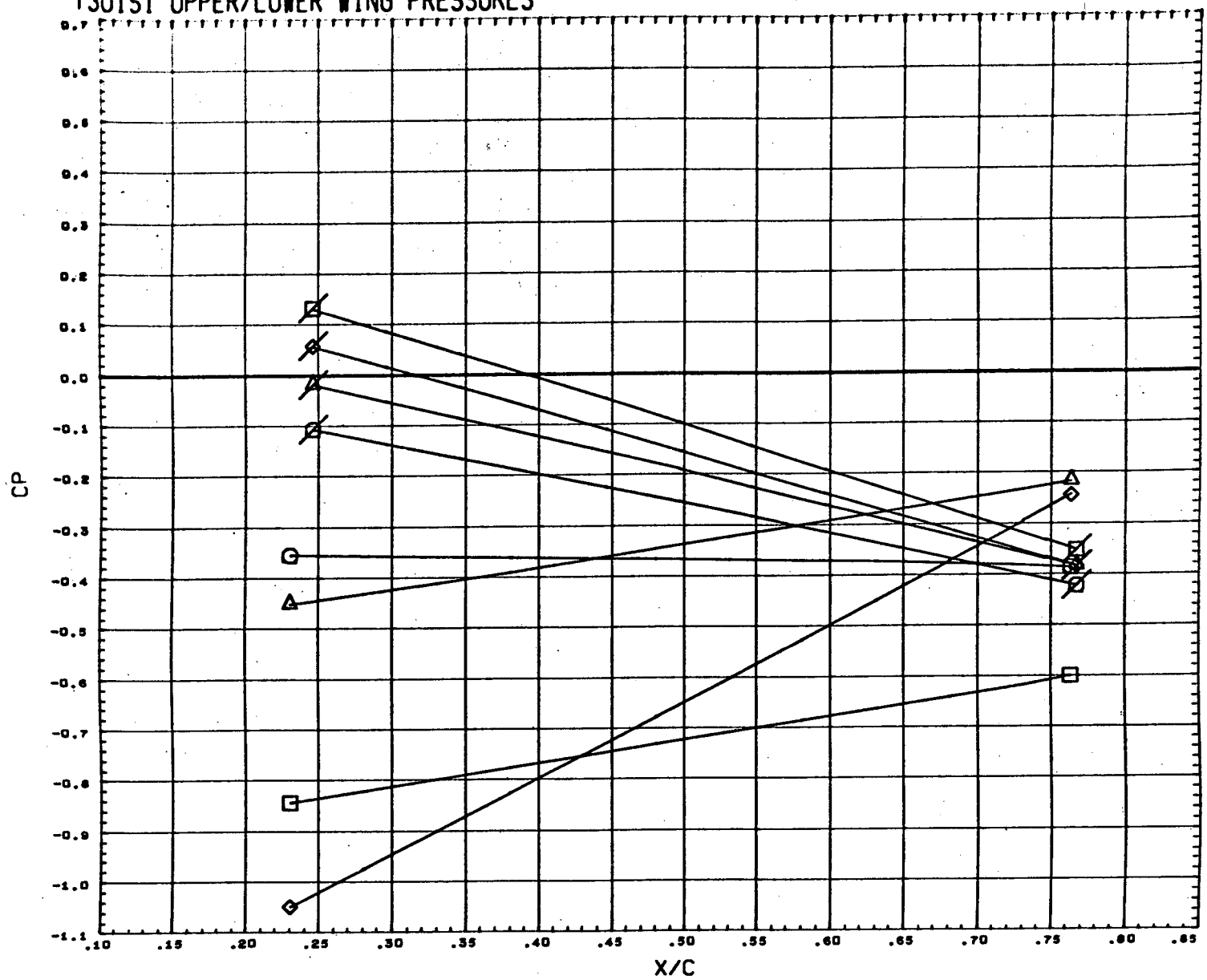
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	0.899
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



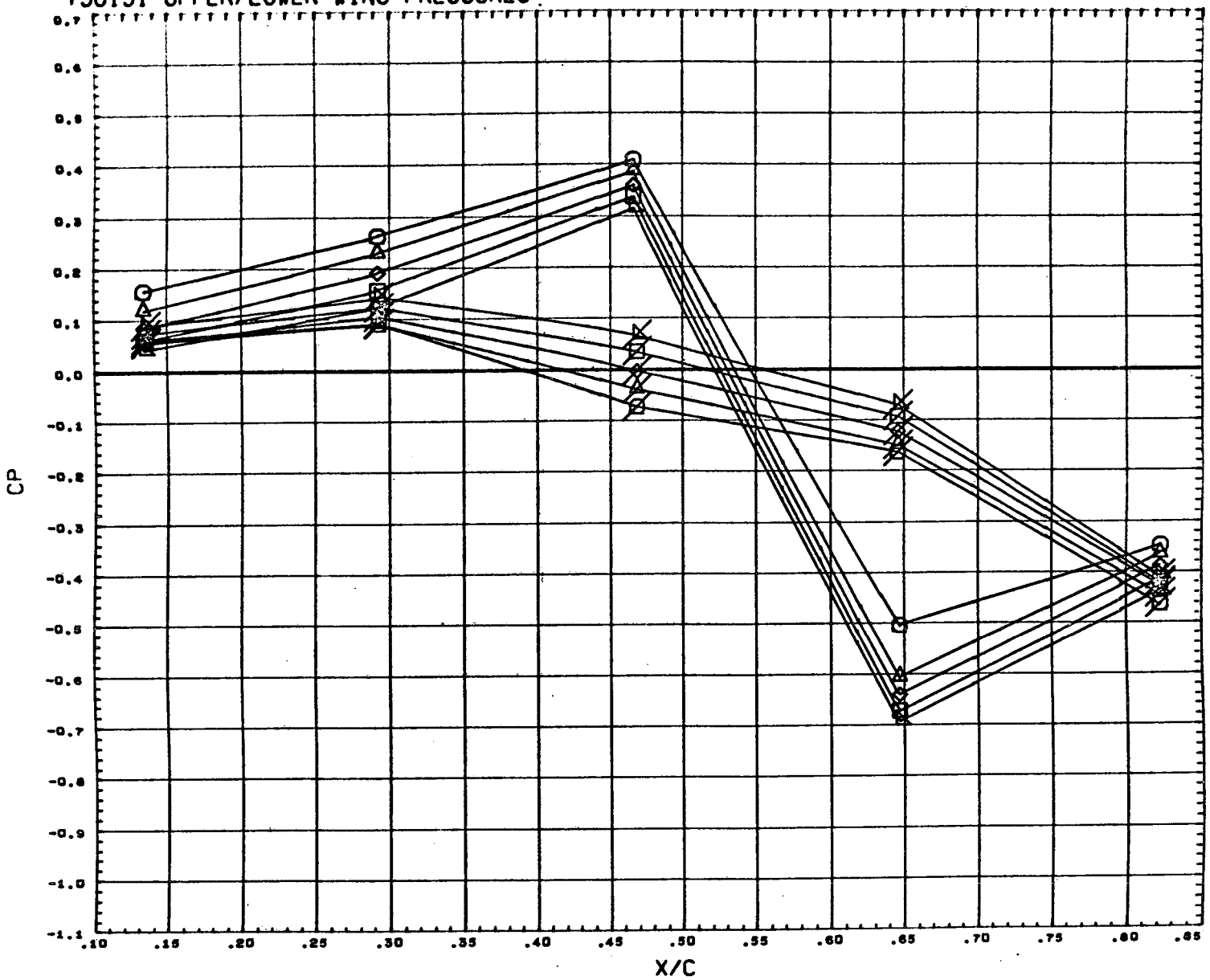
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	0.899
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



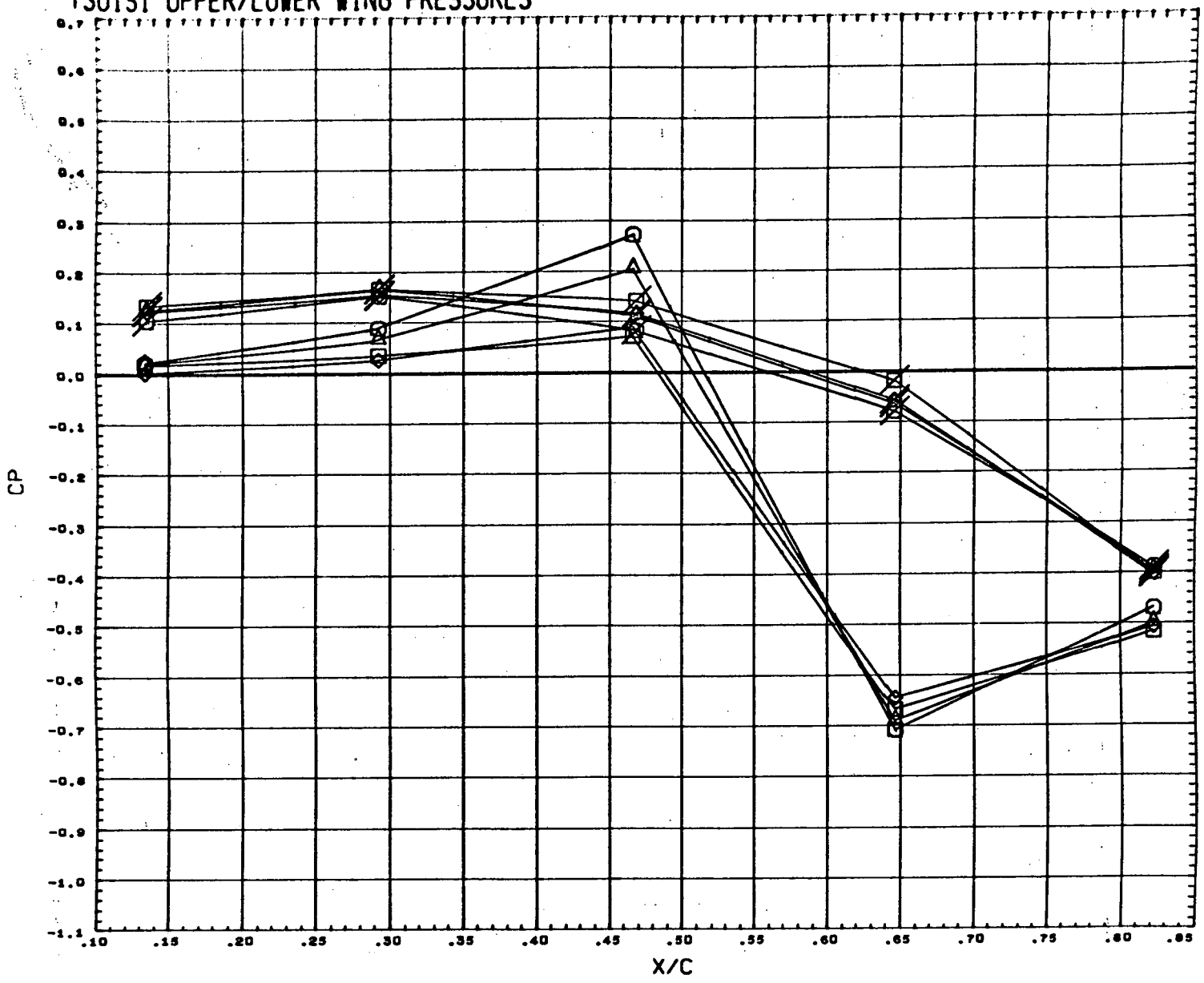
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.001
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



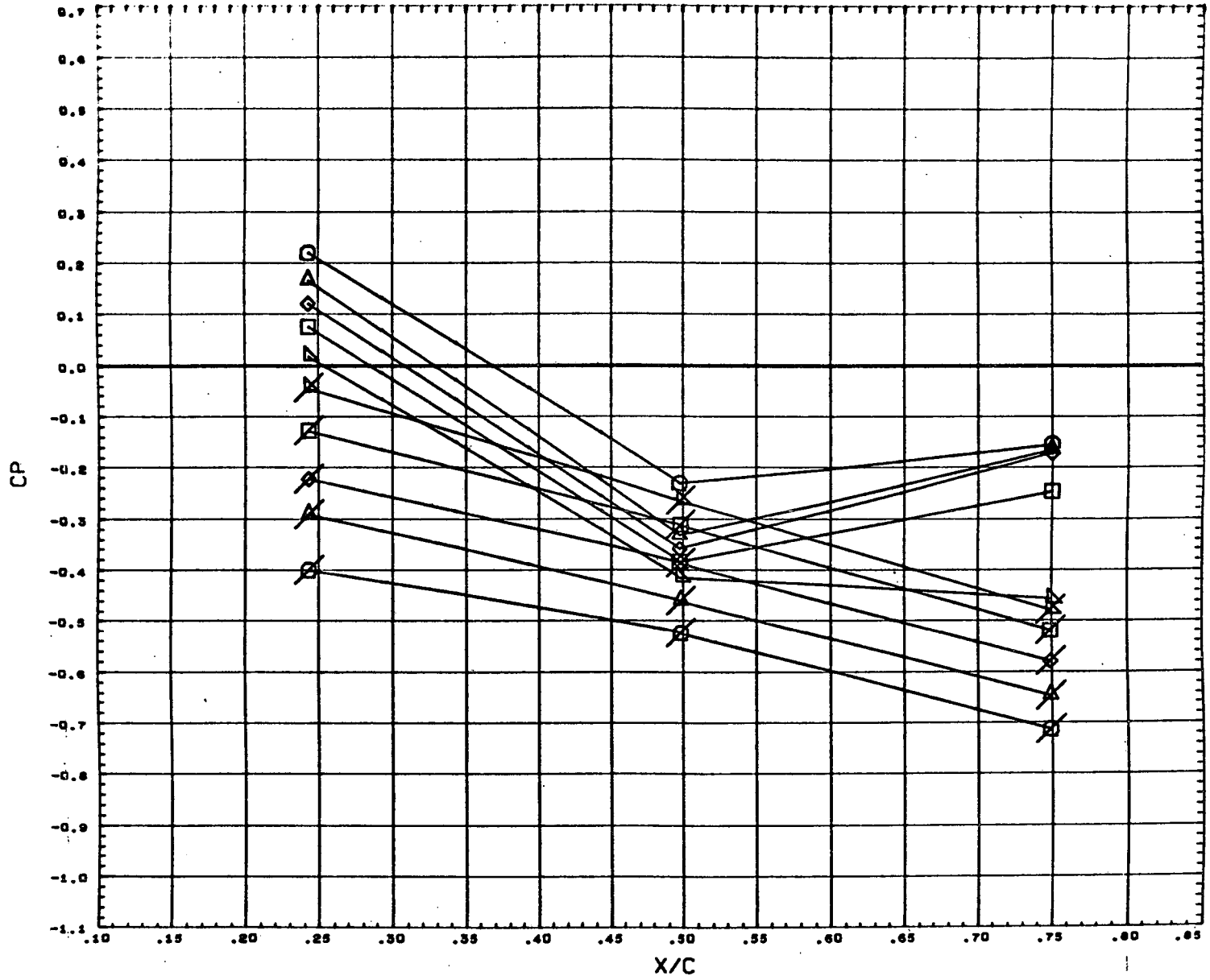
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.001
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



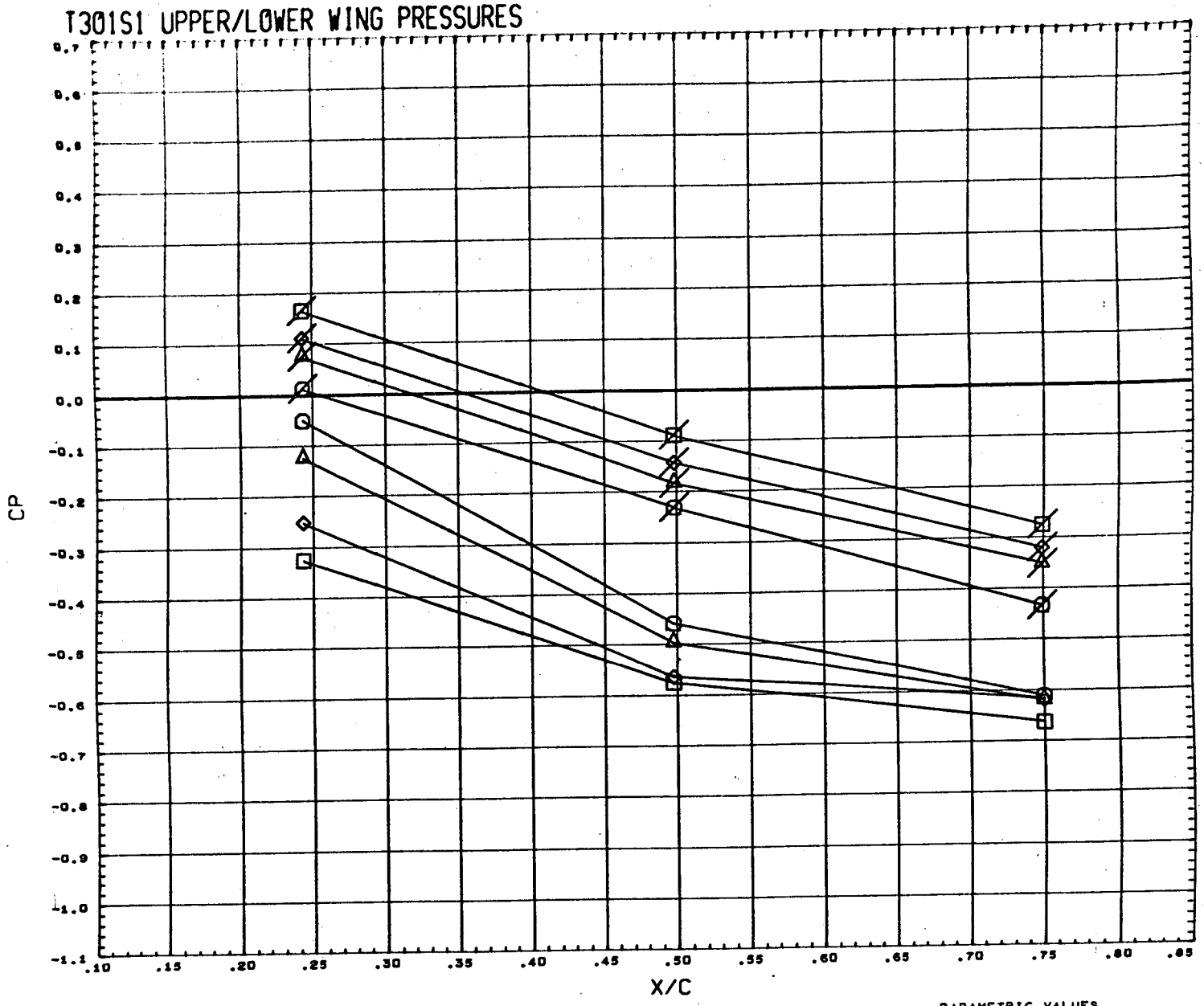
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.001
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



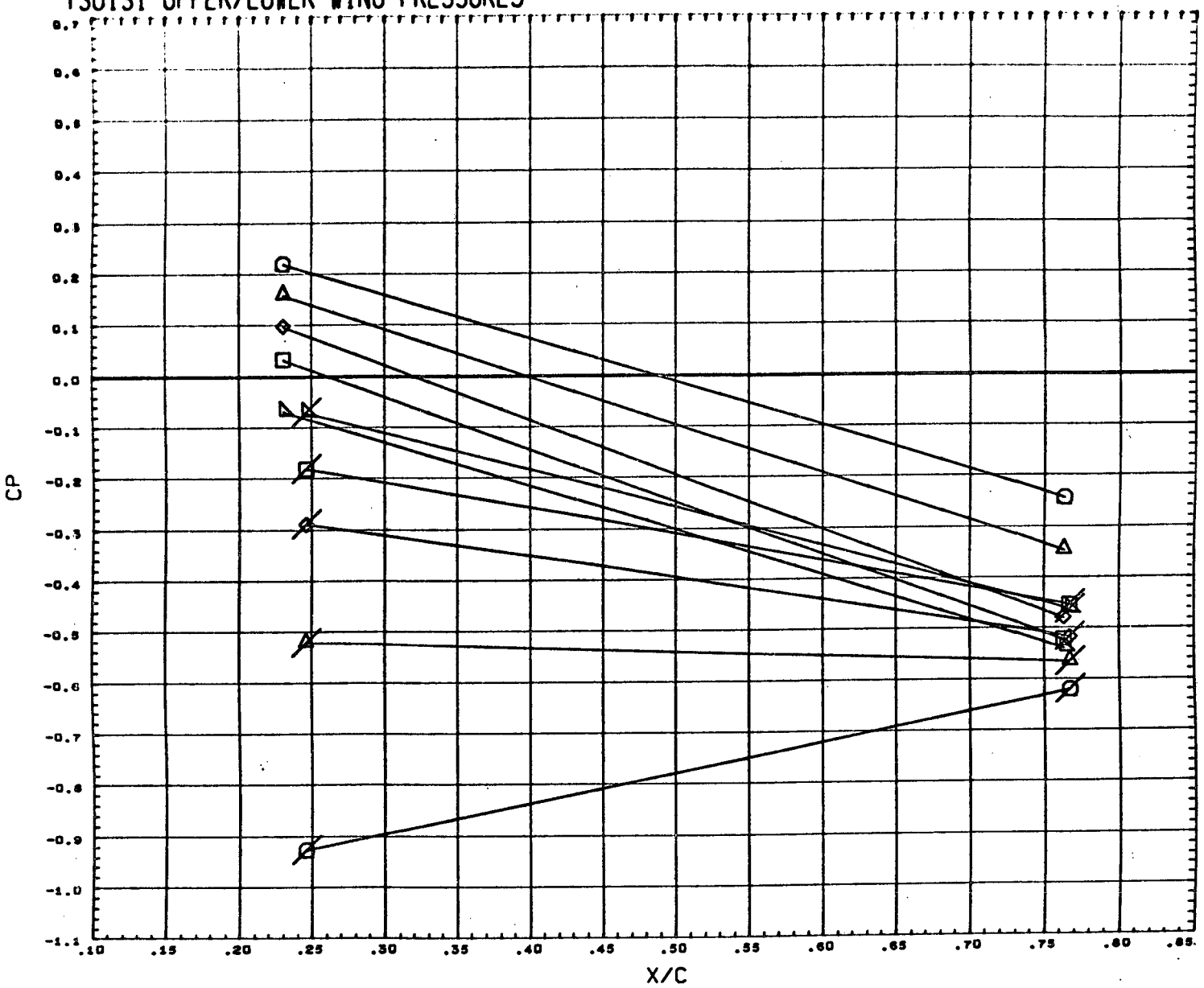
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.001
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



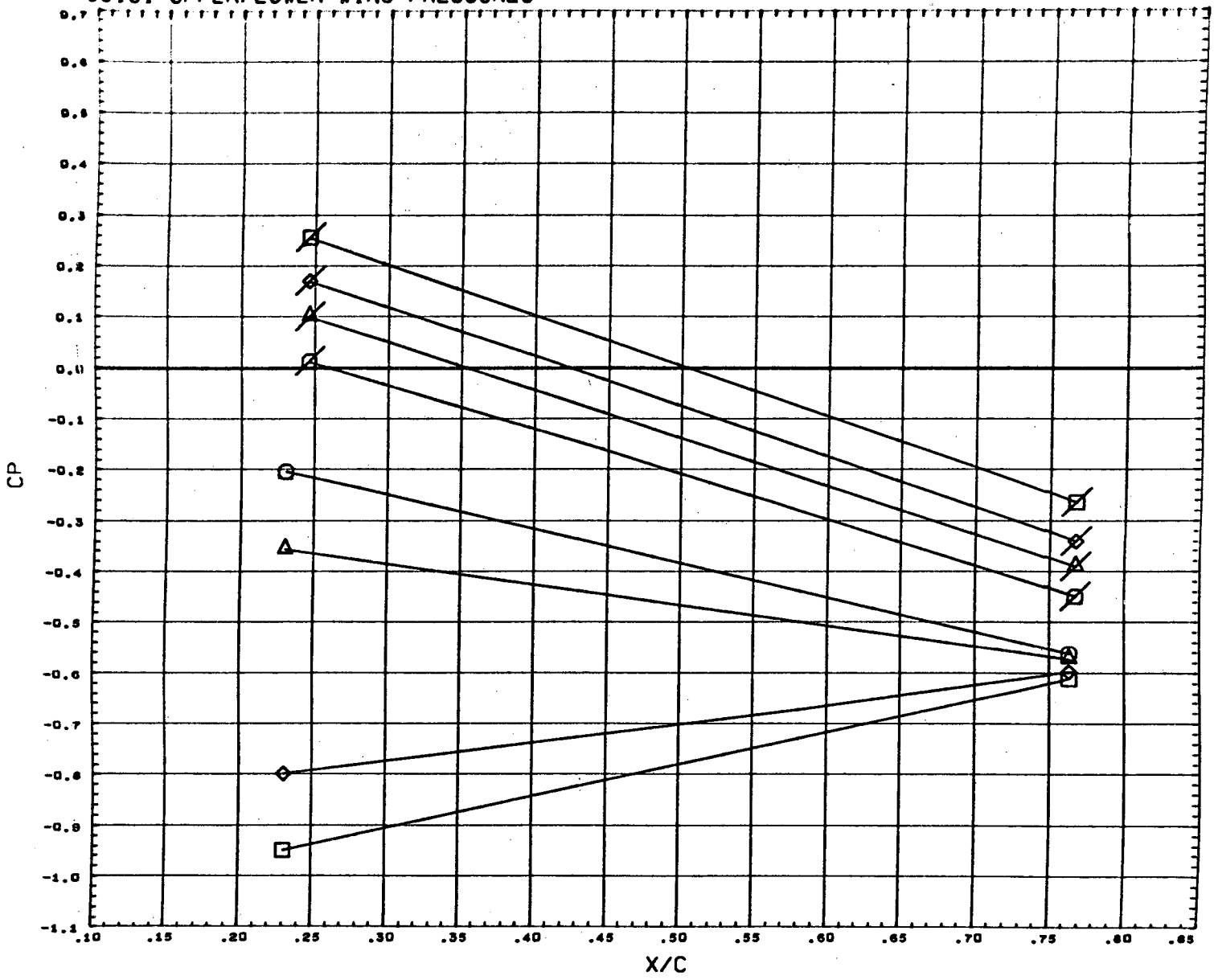
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.001
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



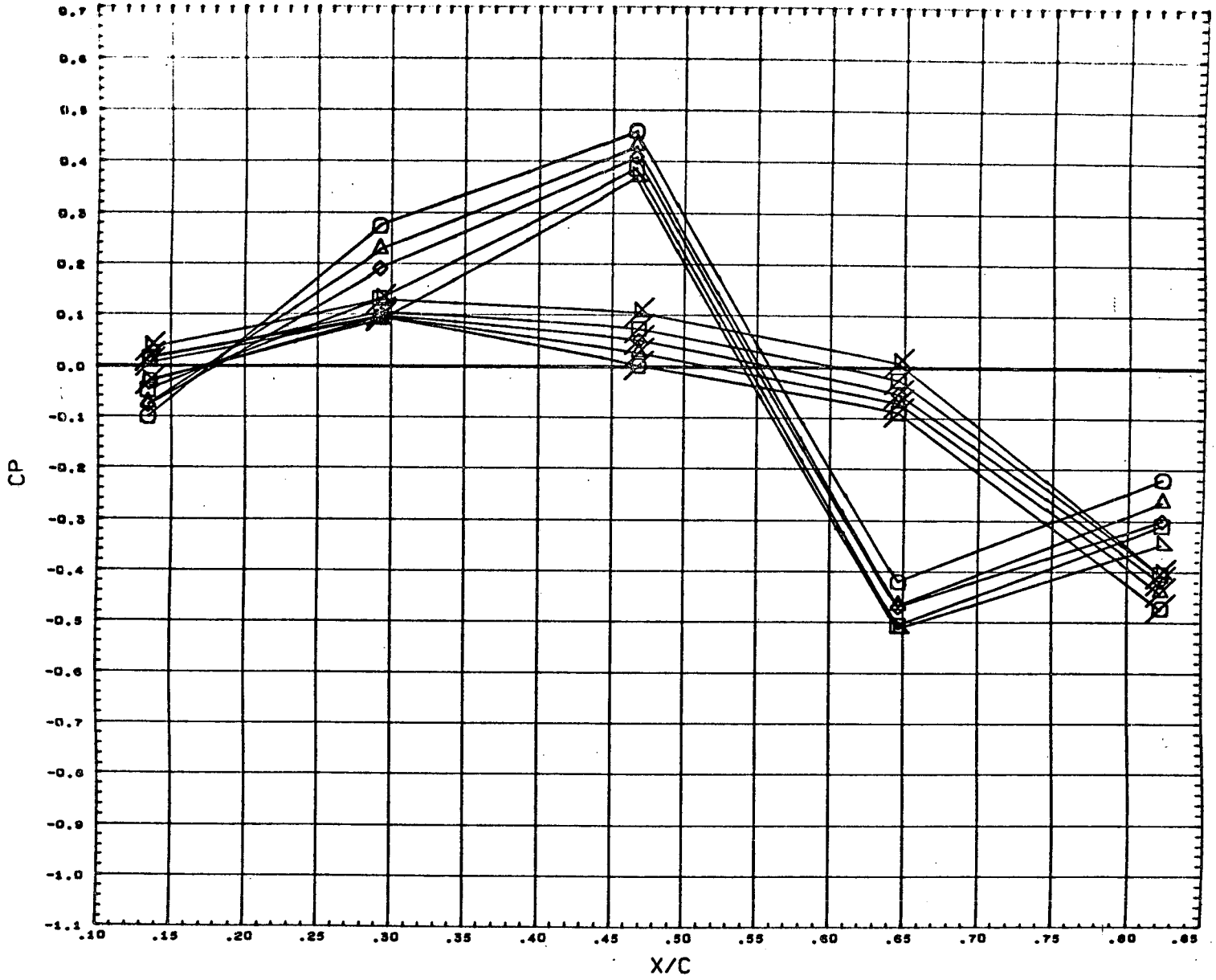
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	1.001
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



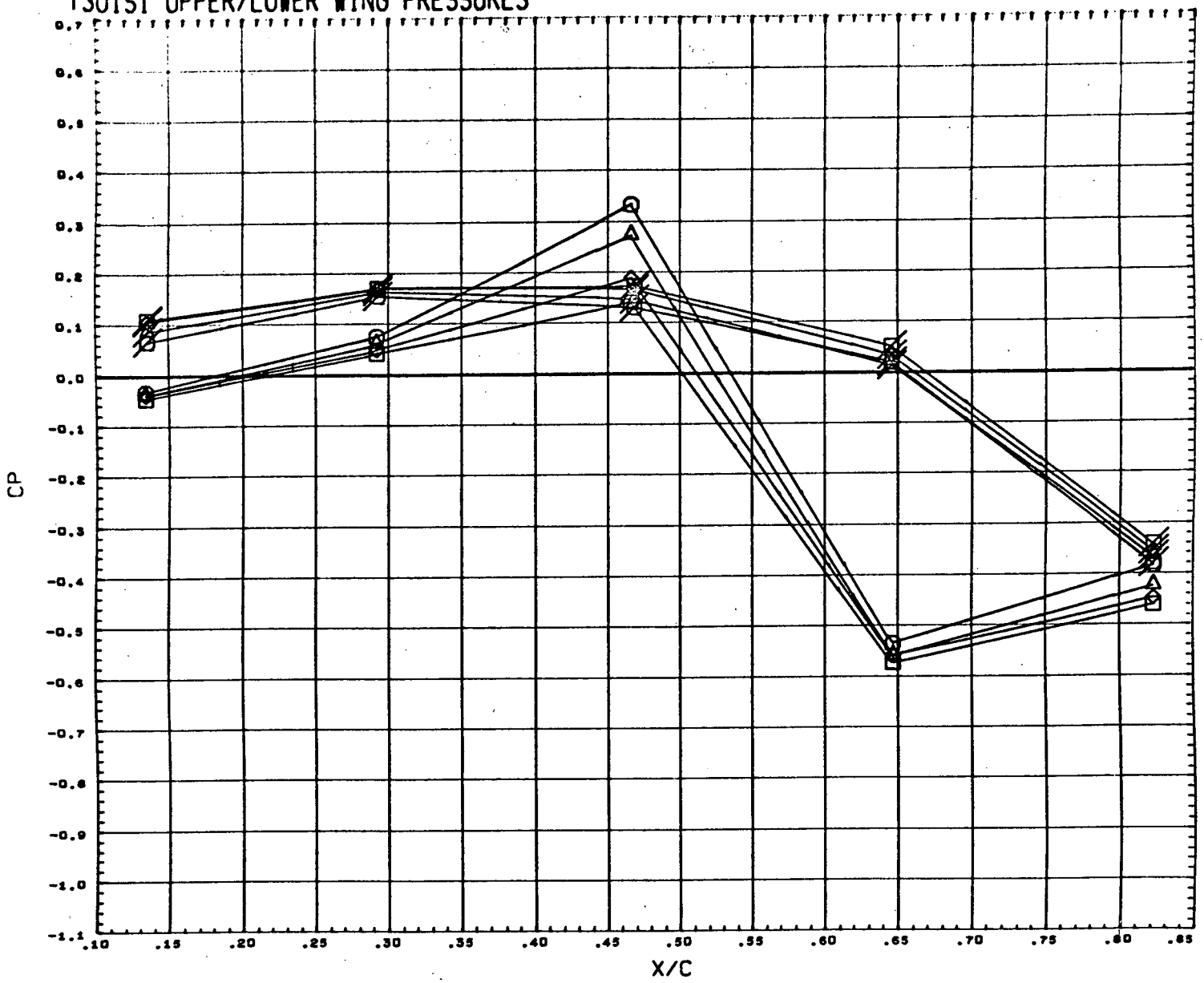
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.096
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



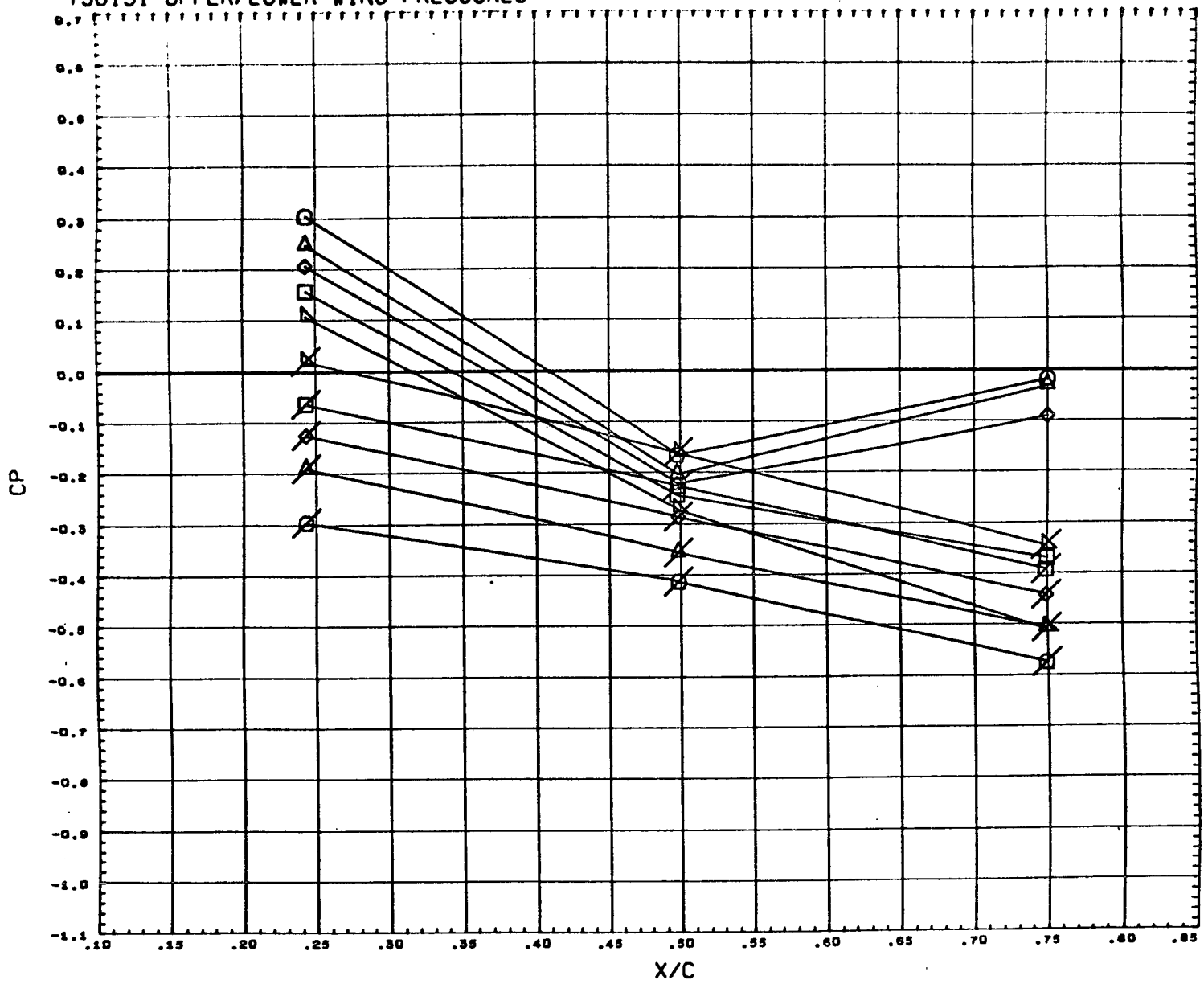
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.096
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



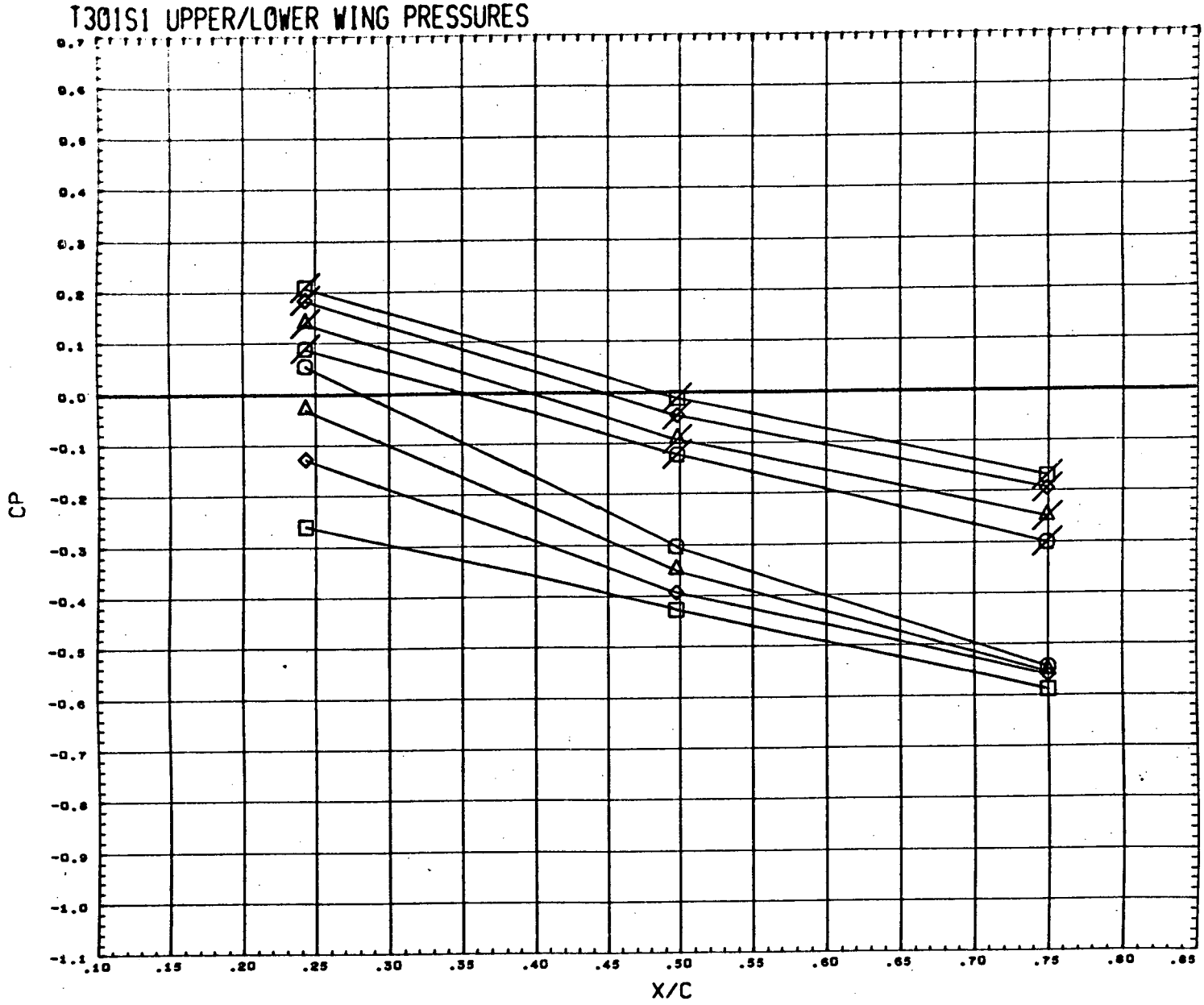
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.096
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



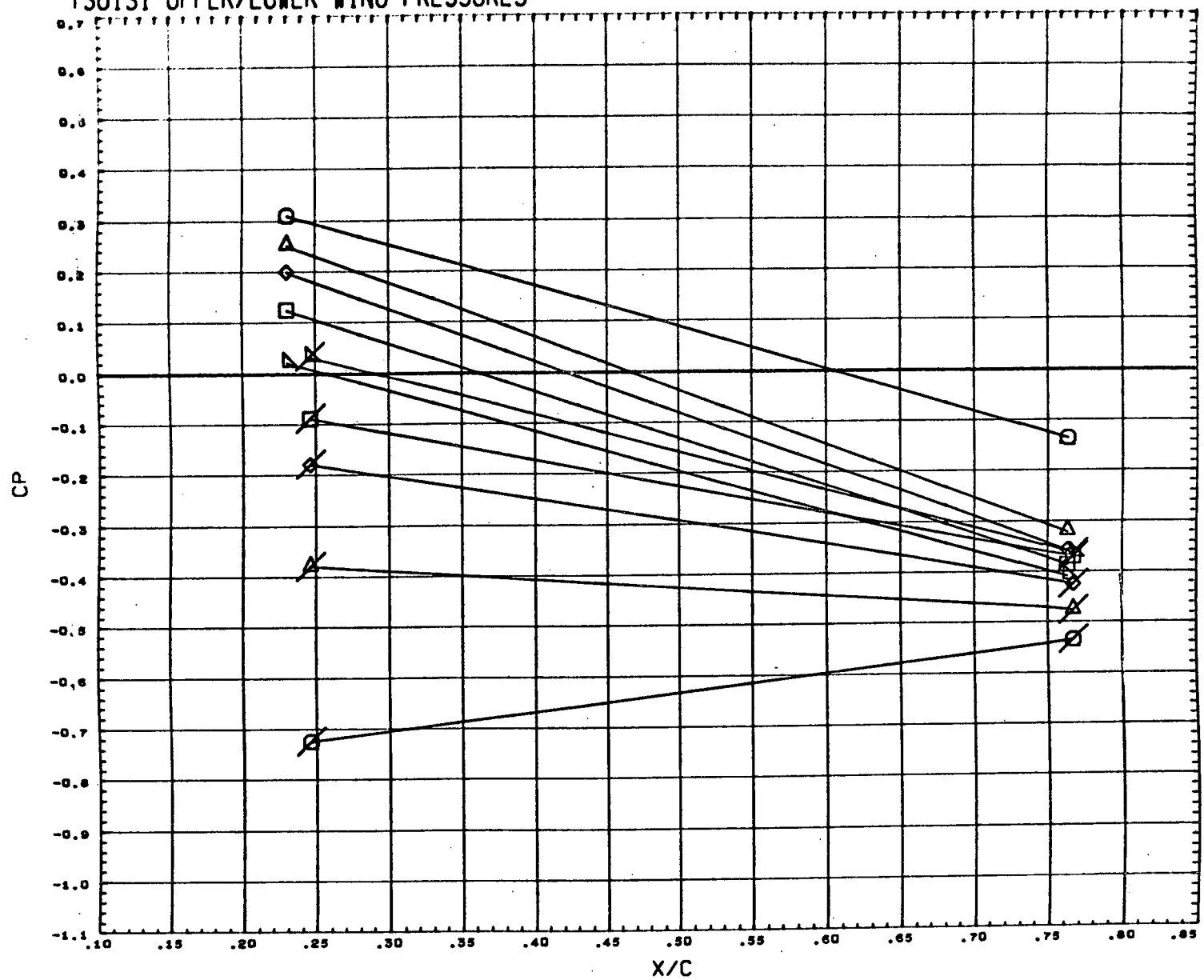
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.096
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



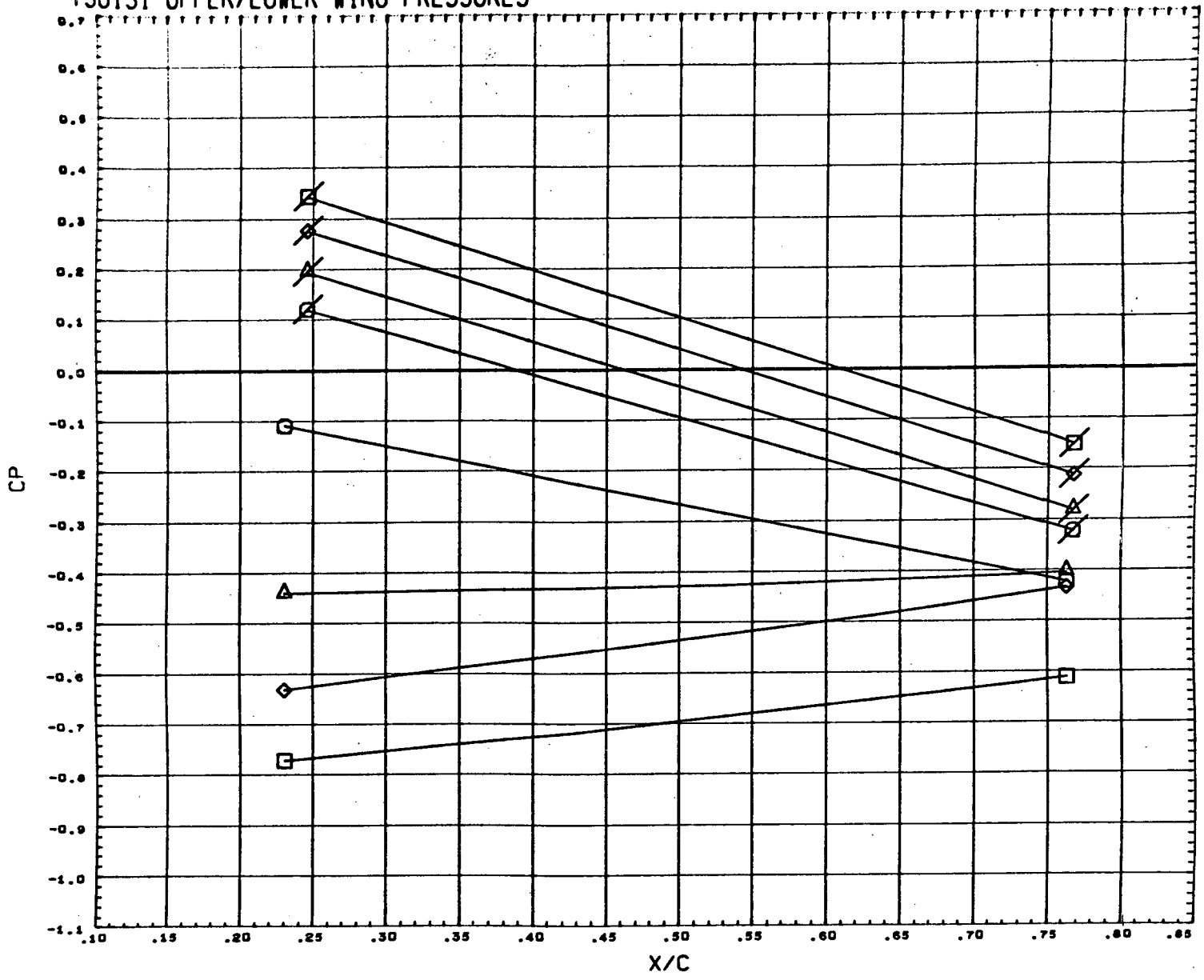
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.096
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



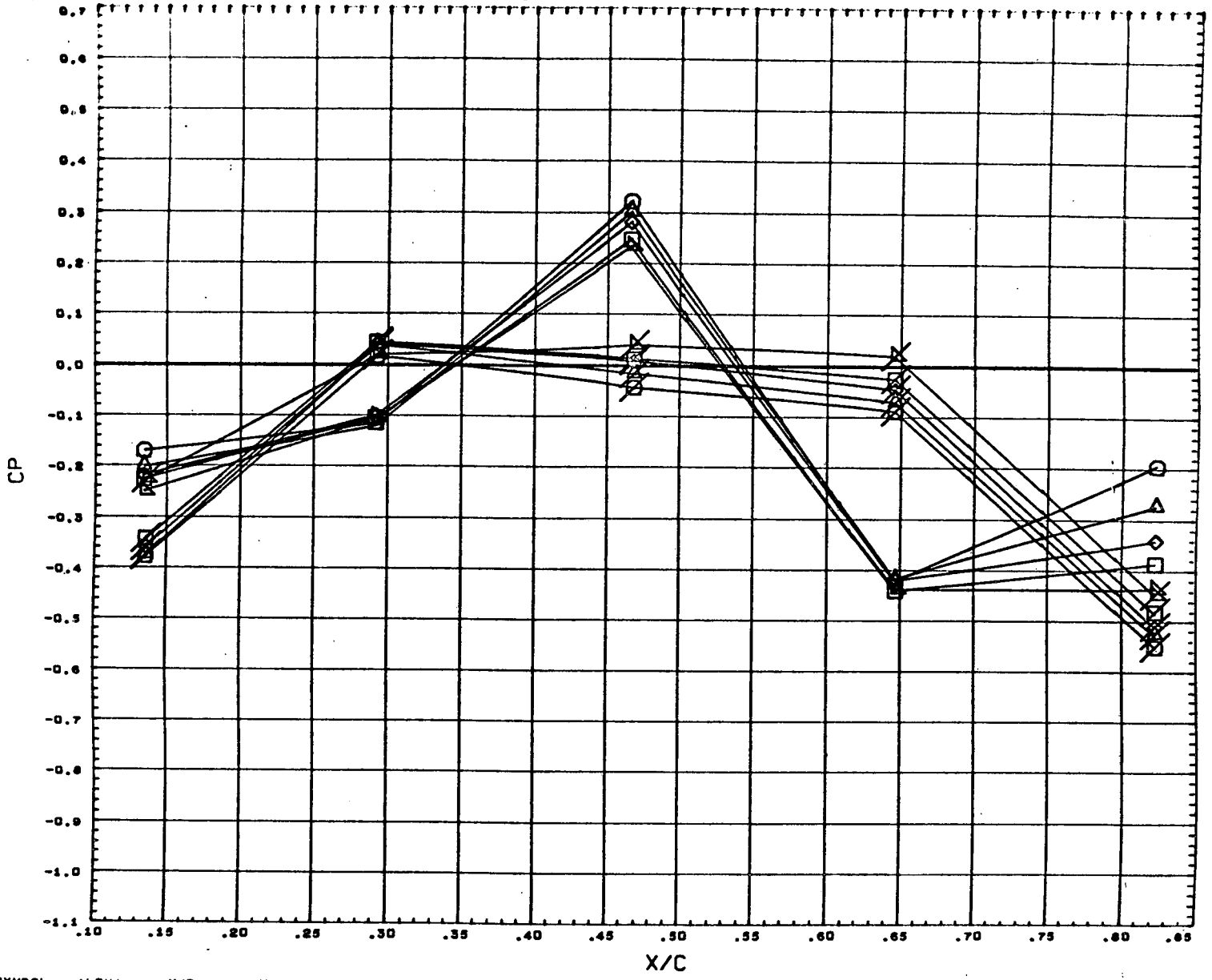
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.096
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



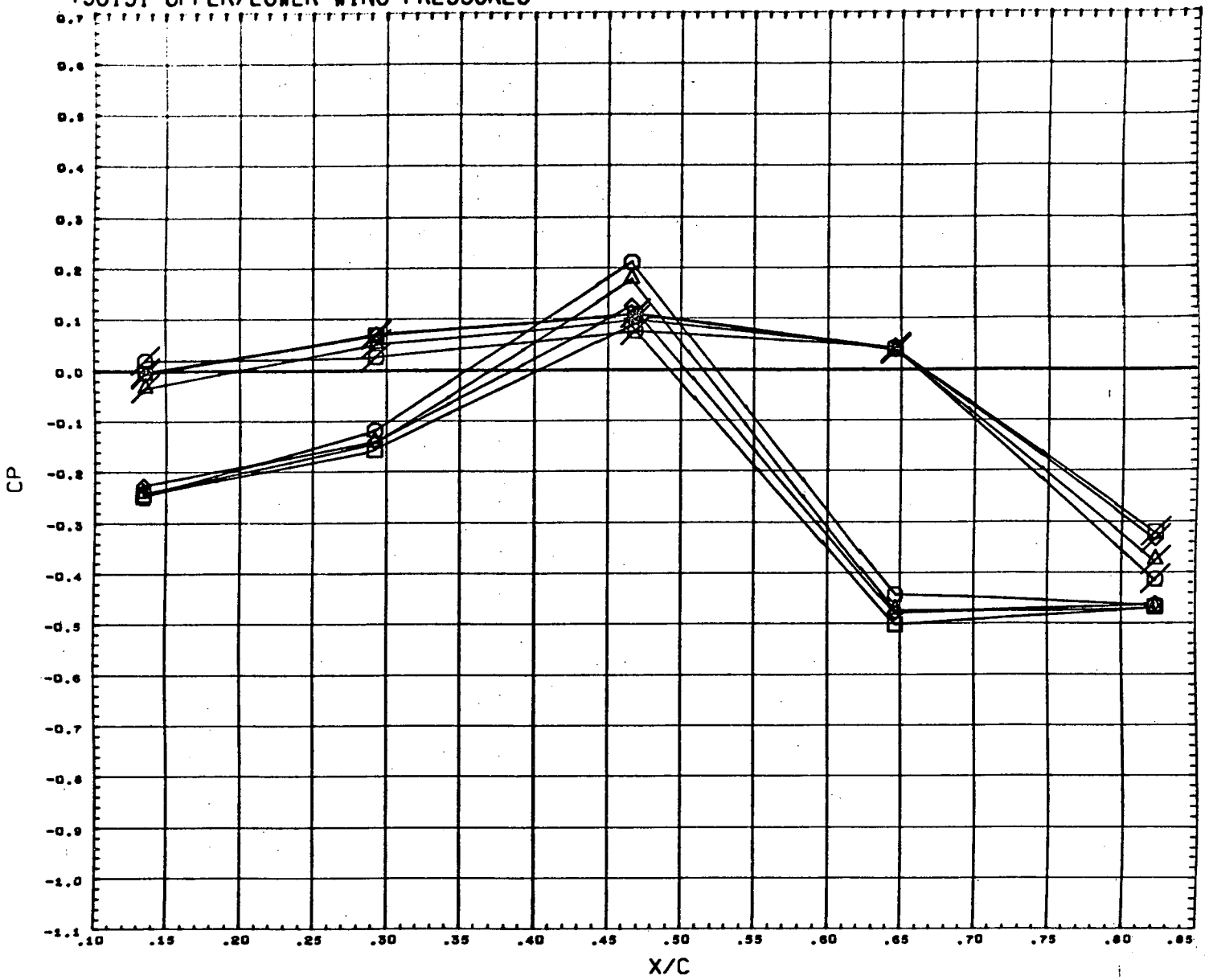
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.199
△	6.000		
◇	4.000		
□	2.000		
↖	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



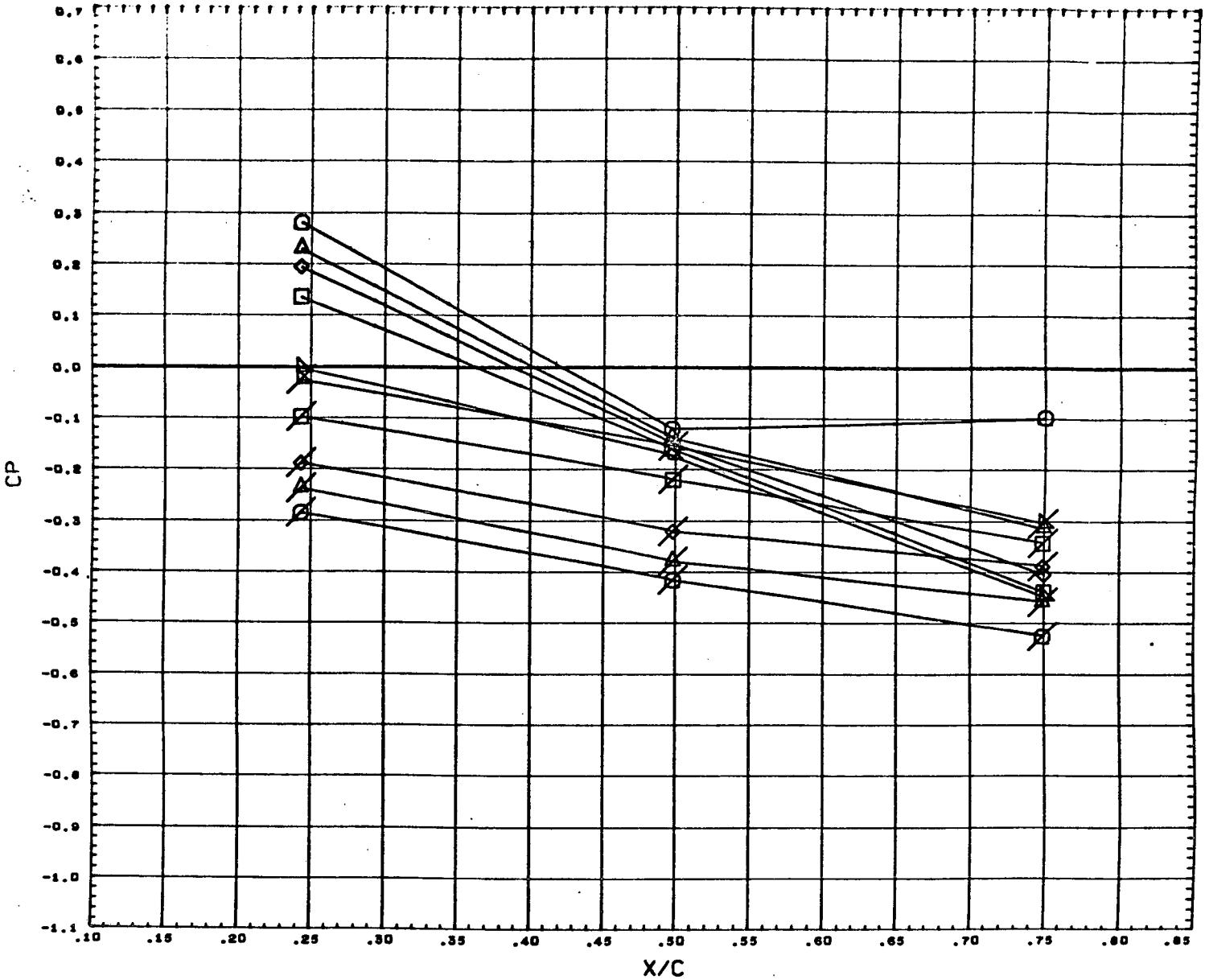
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.199
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



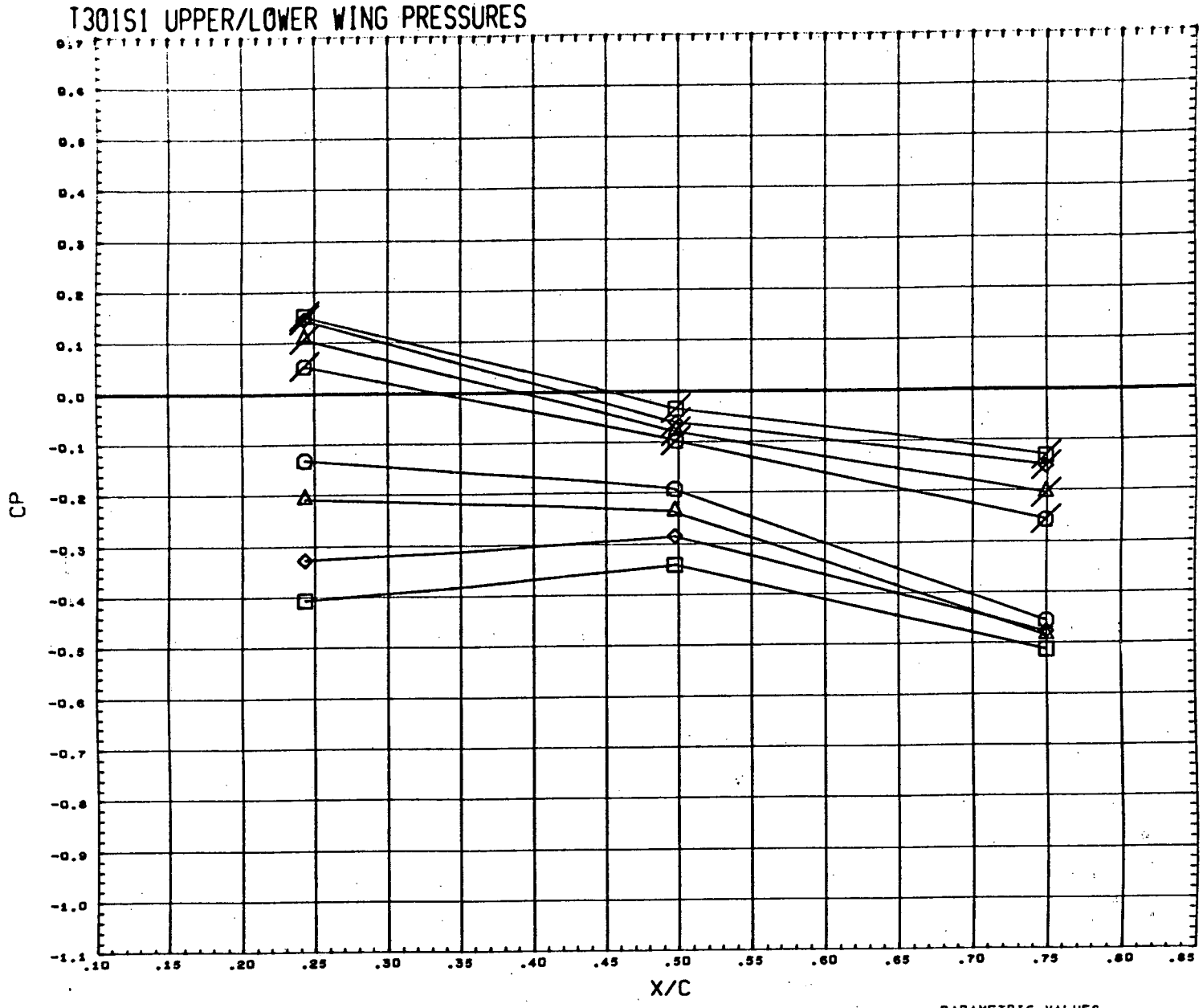
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.199
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



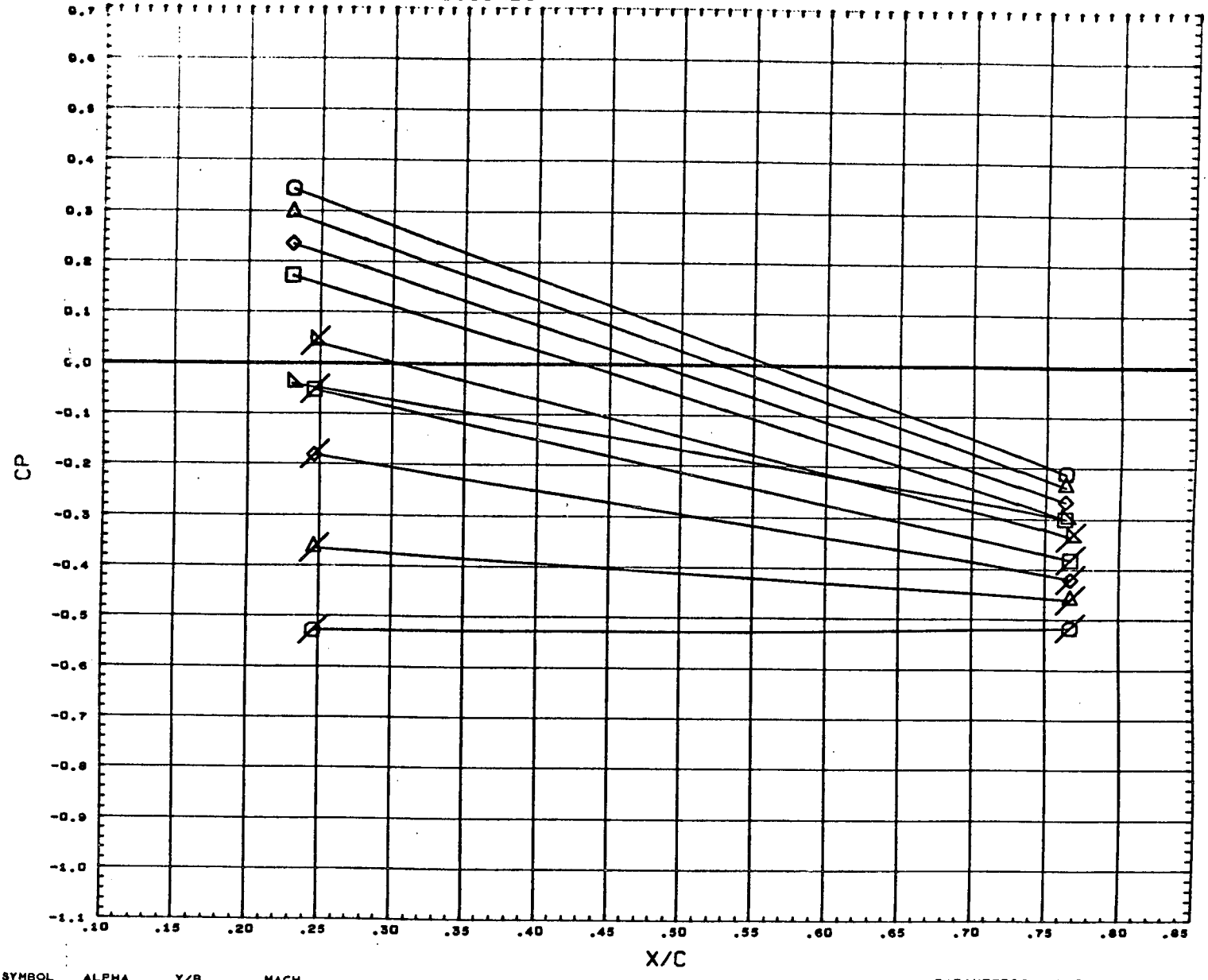
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.199
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



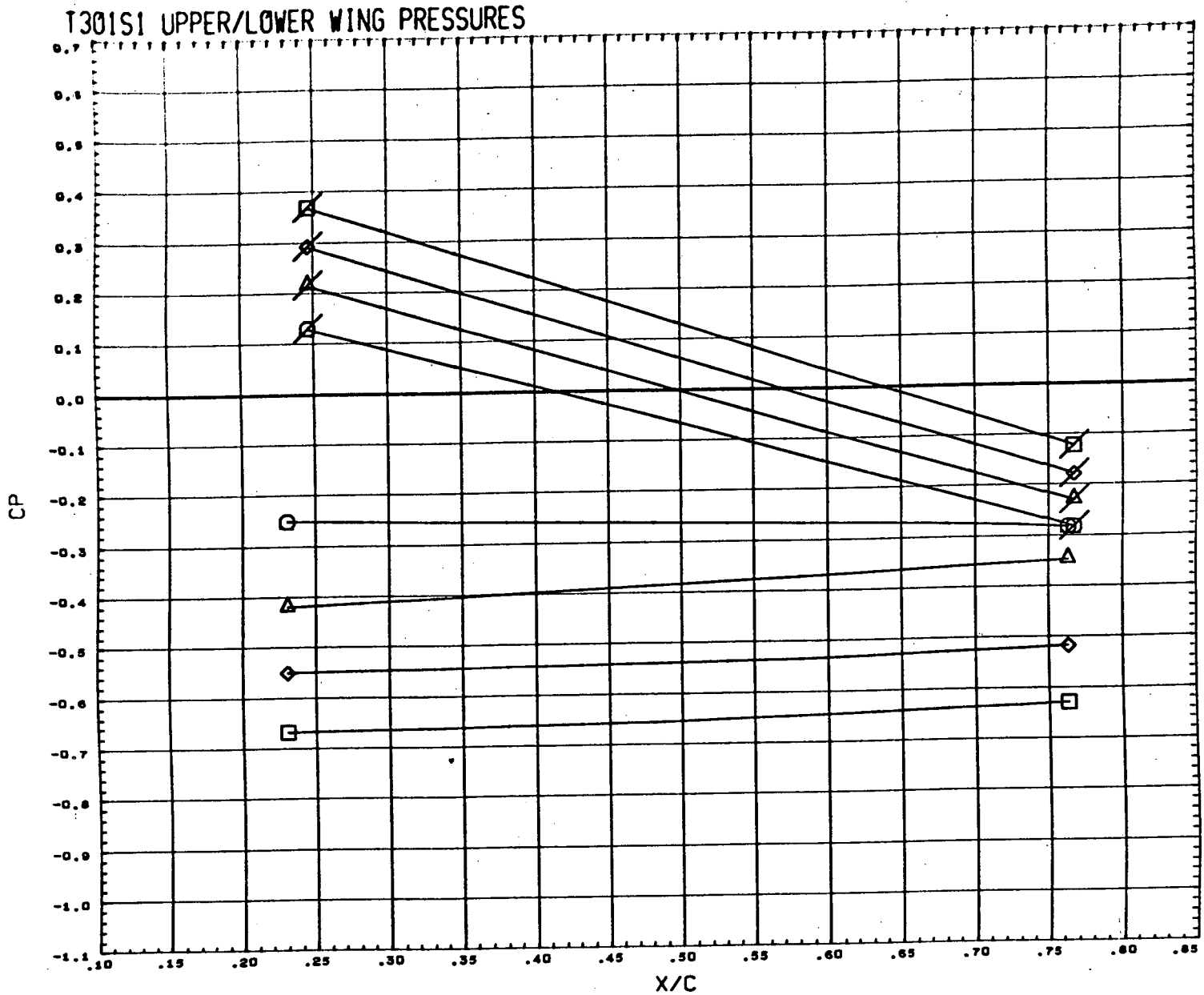
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.199
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



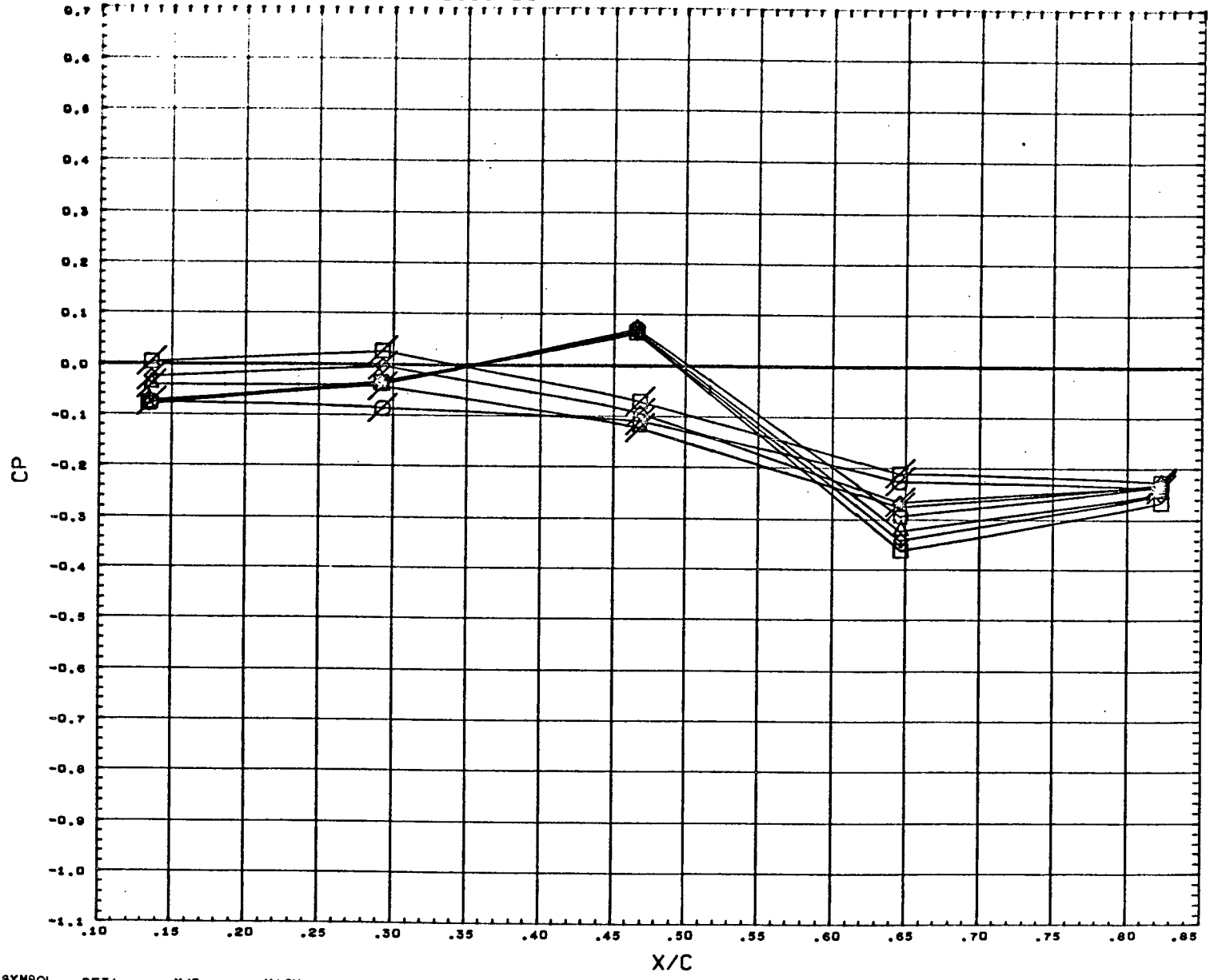
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.199
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73011)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T301S1 UPPER WING
(C73011)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



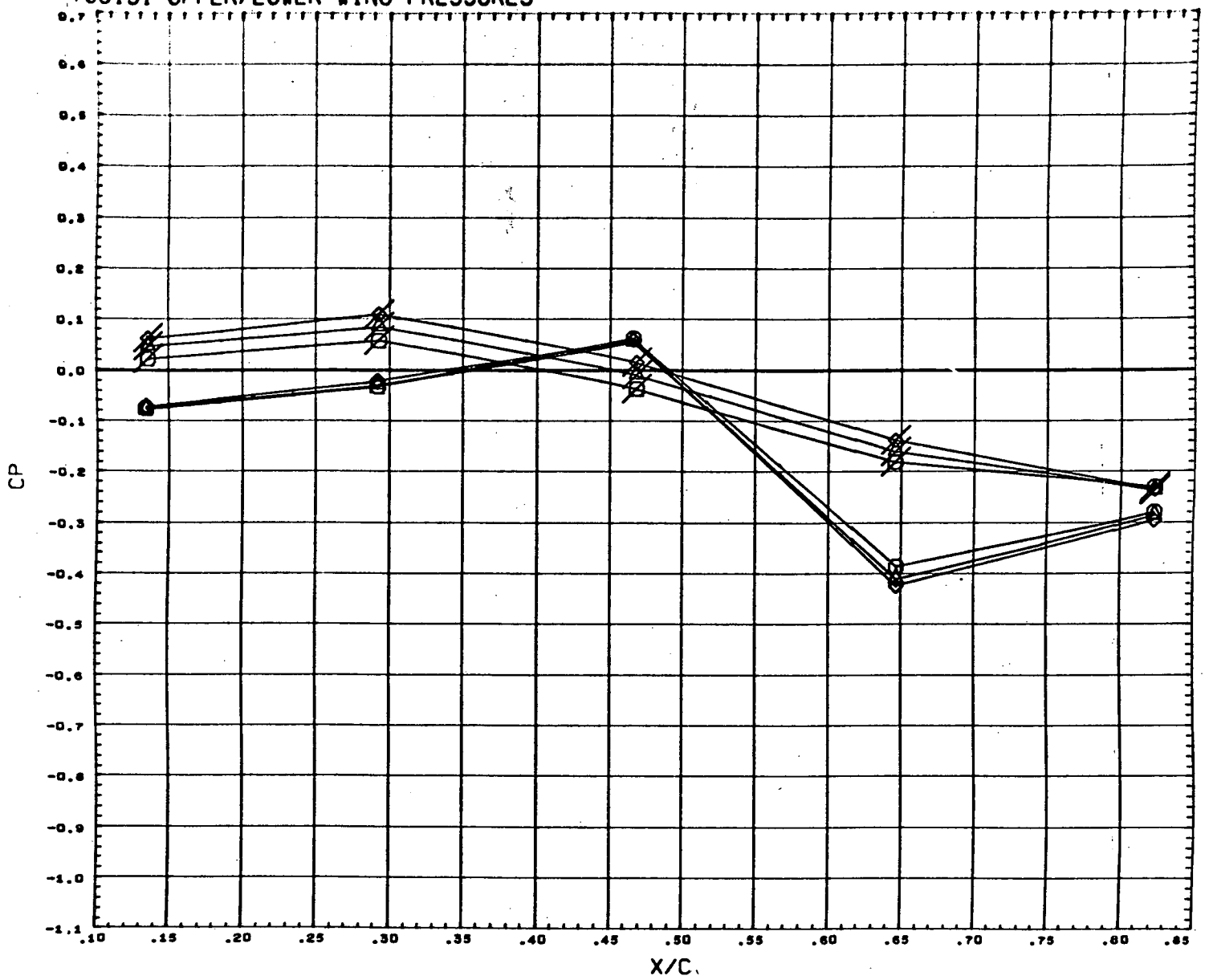
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	0.601
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



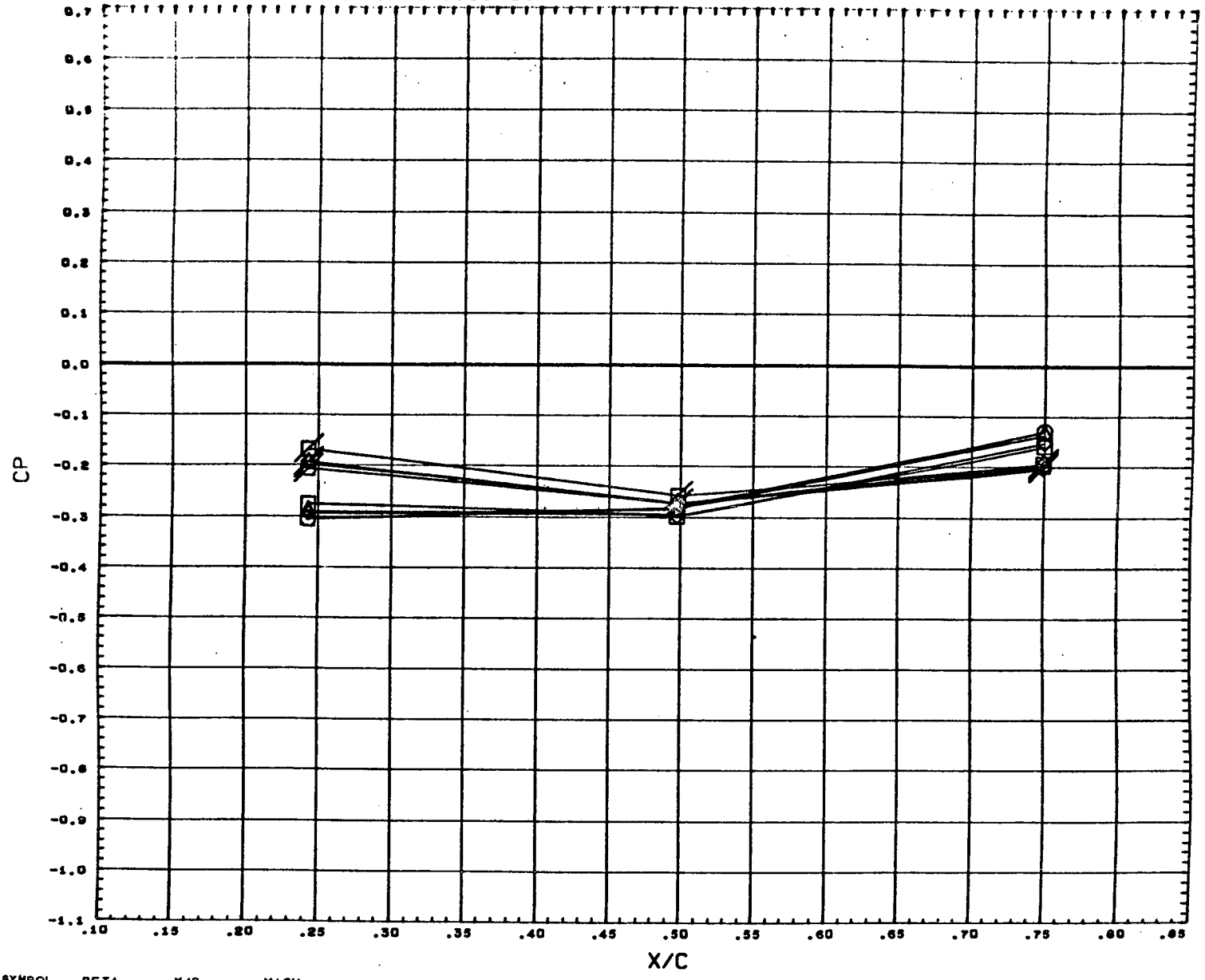
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.601
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



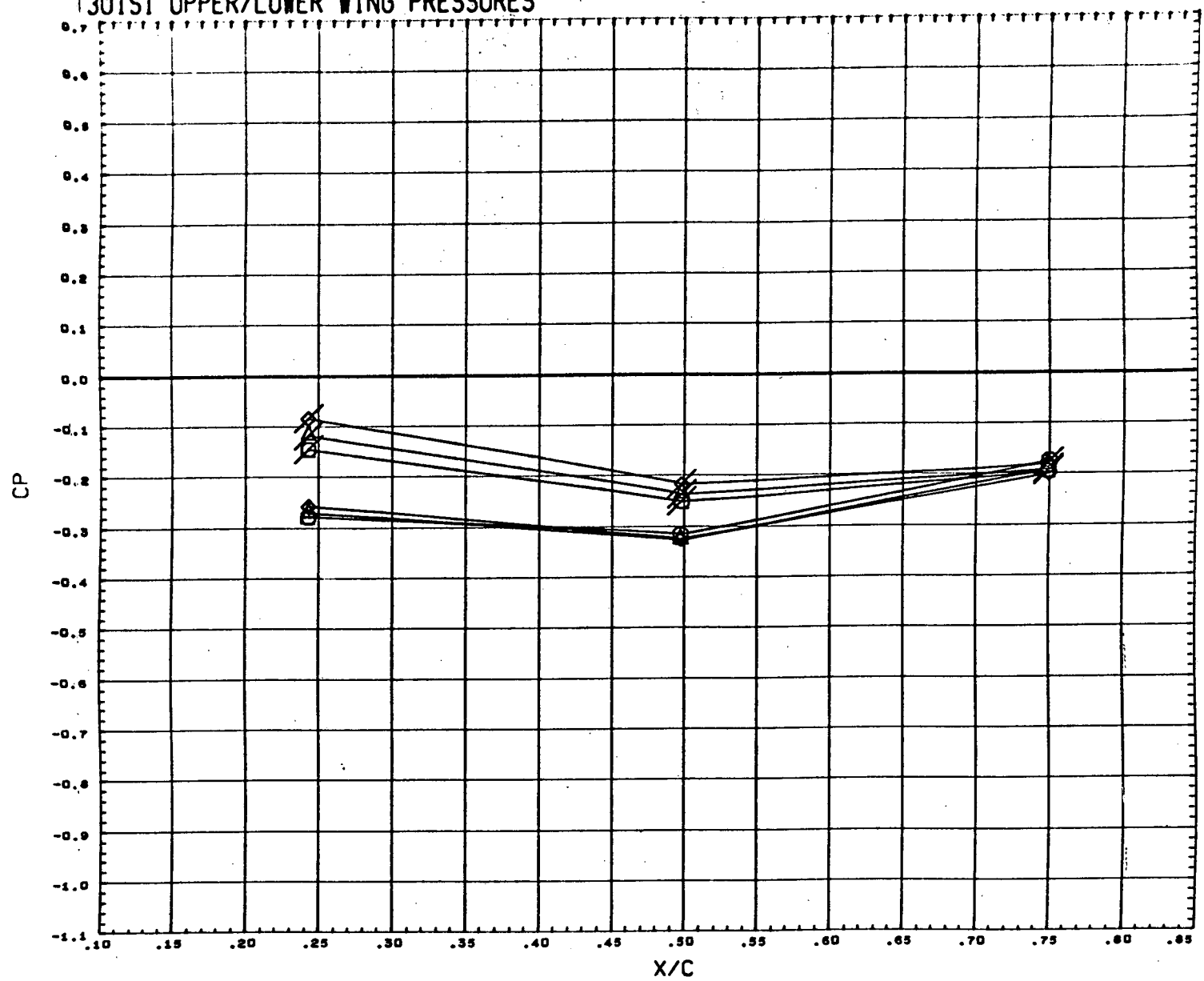
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	0.601
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



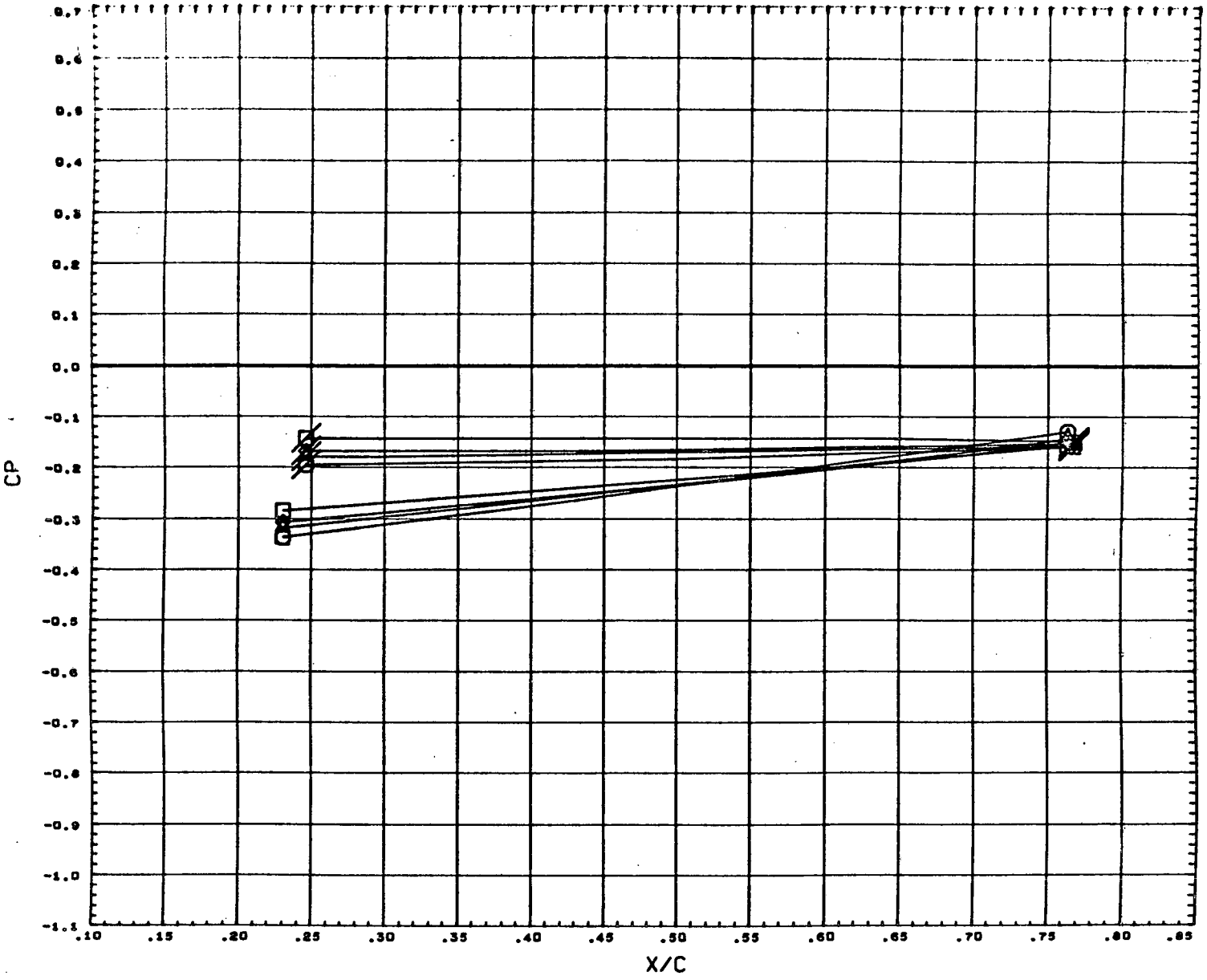
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.601
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



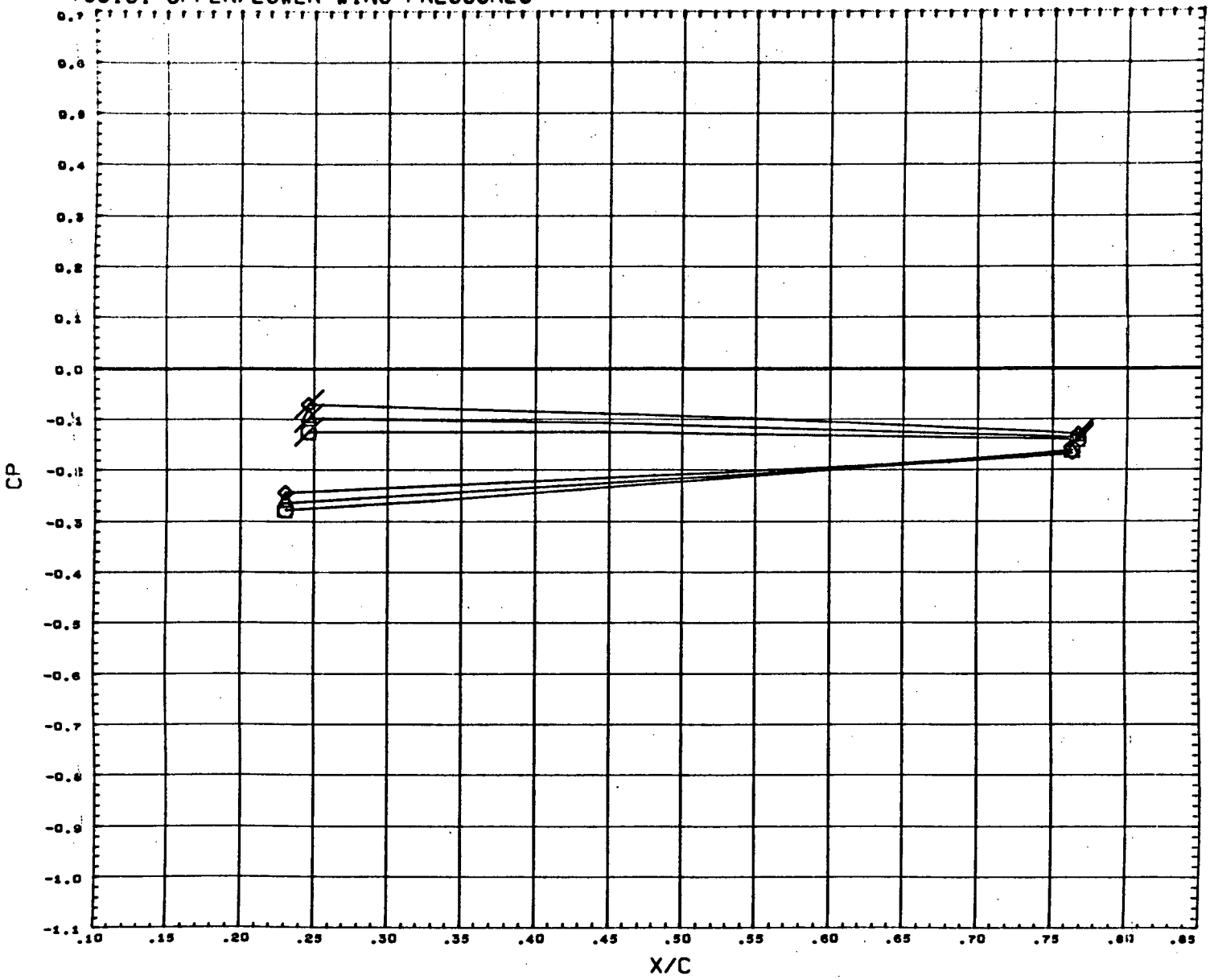
SYMBOL	BETA	Y/B	MACH
○	6.000	0.645	0.601
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



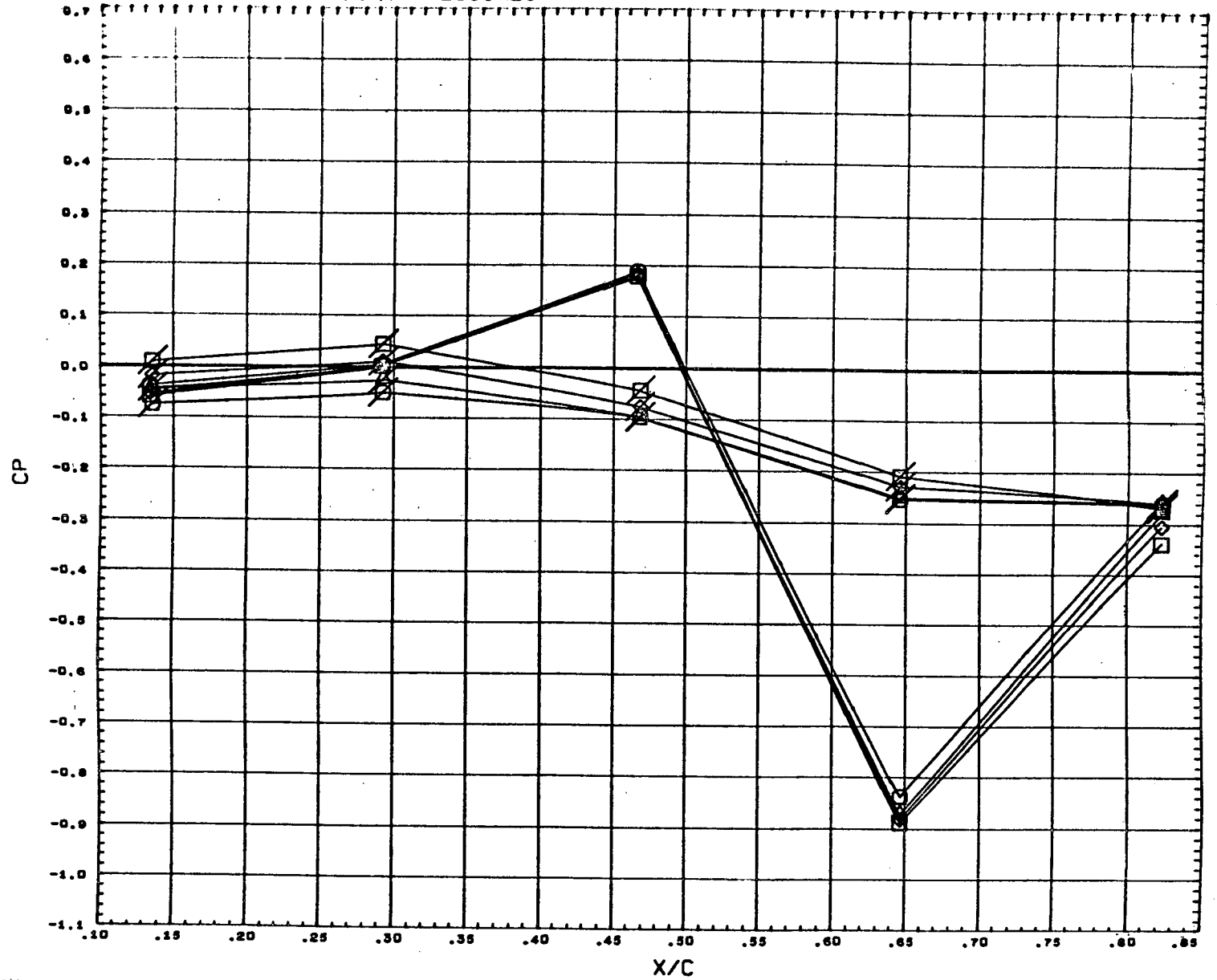
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.601
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



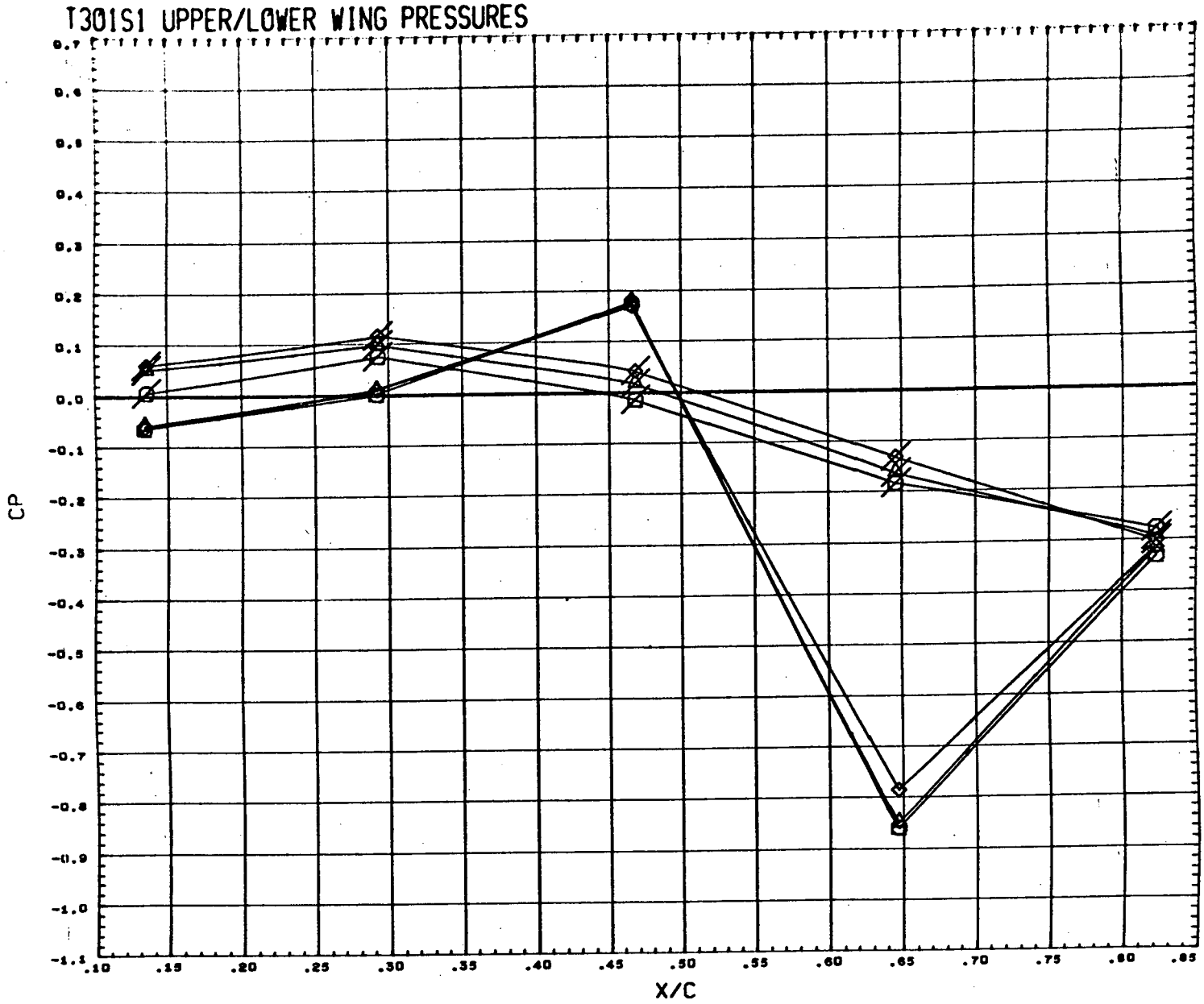
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	0.896
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



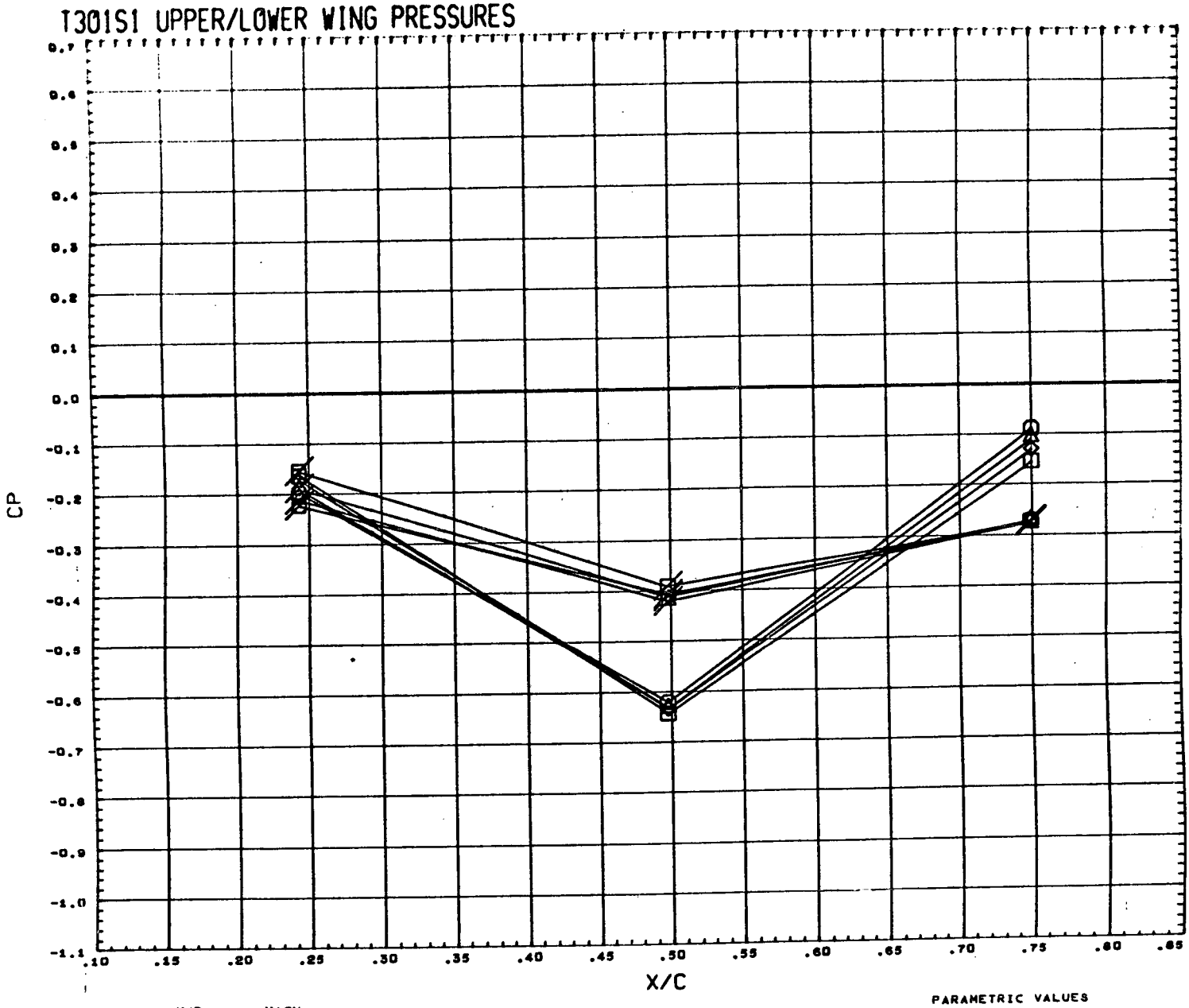
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.896
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



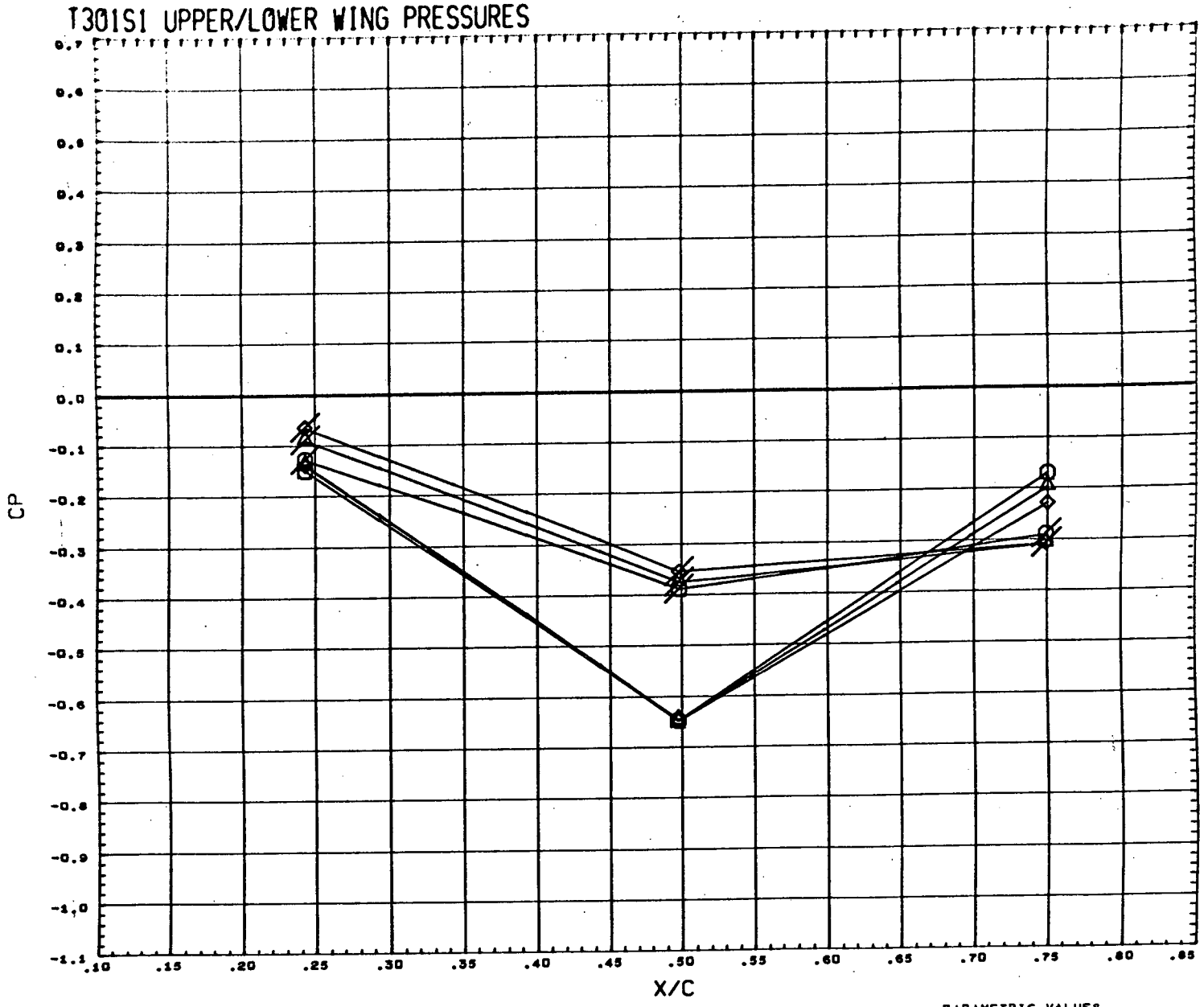
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.696
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



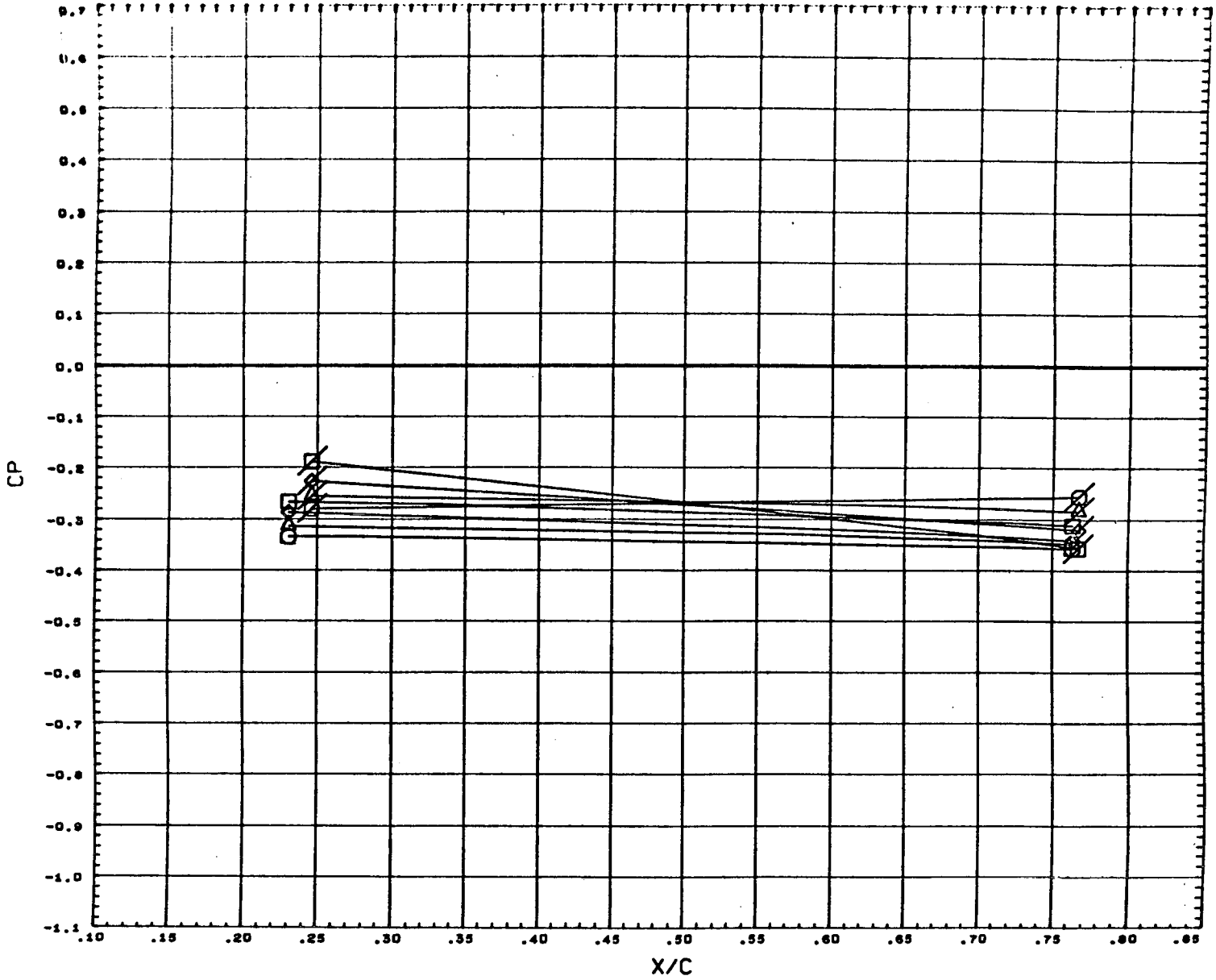
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.896
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



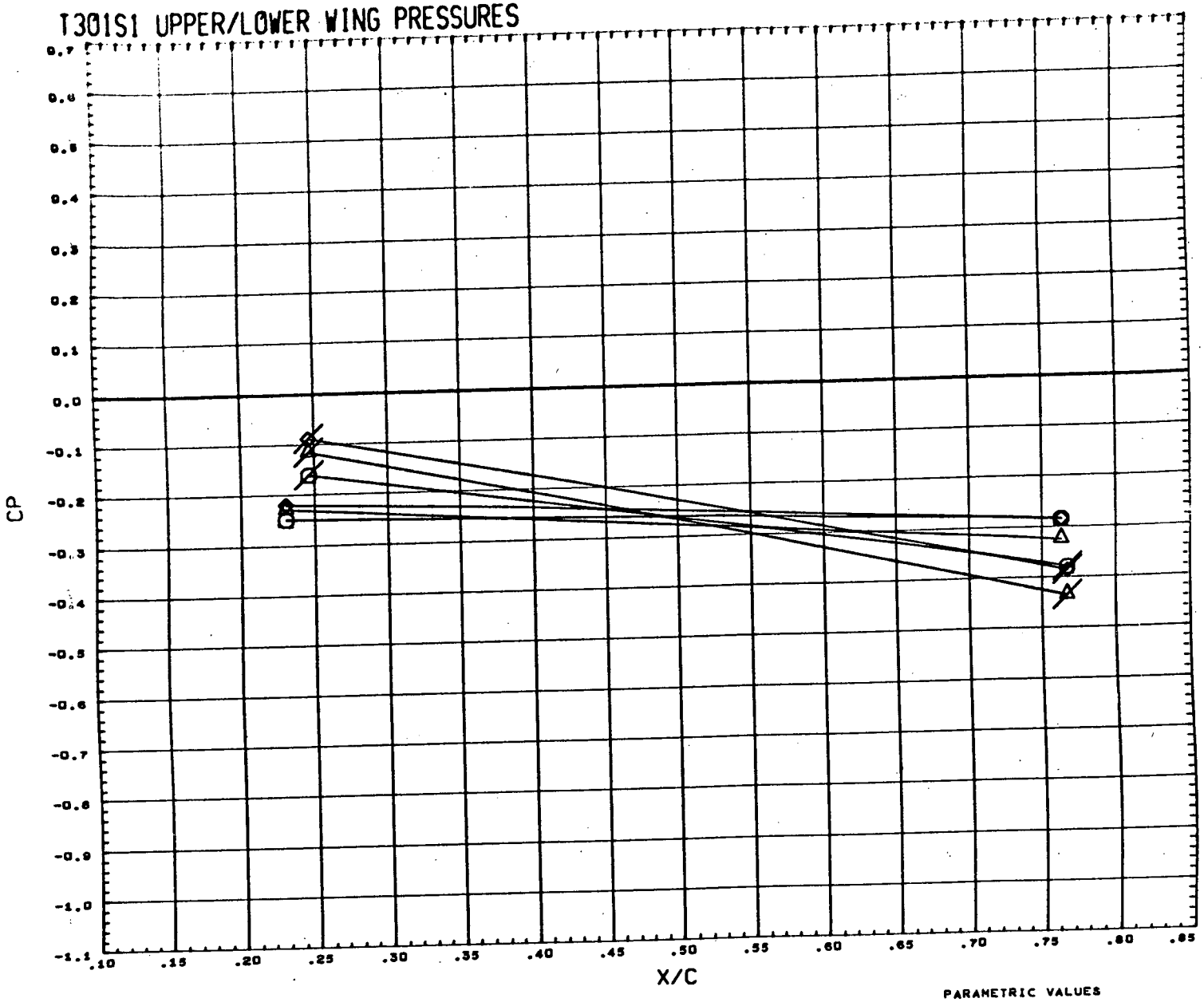
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.896
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



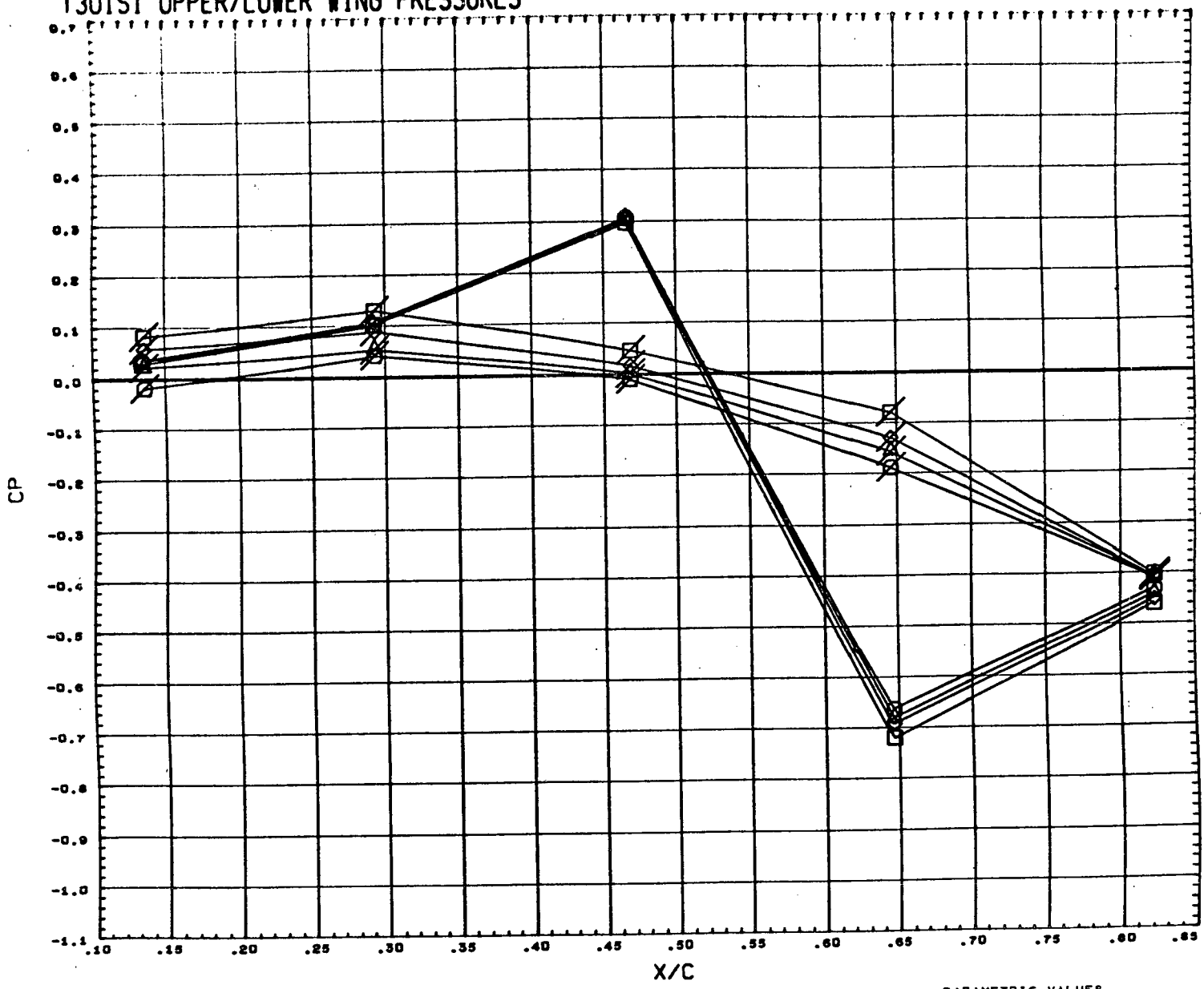
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.896
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



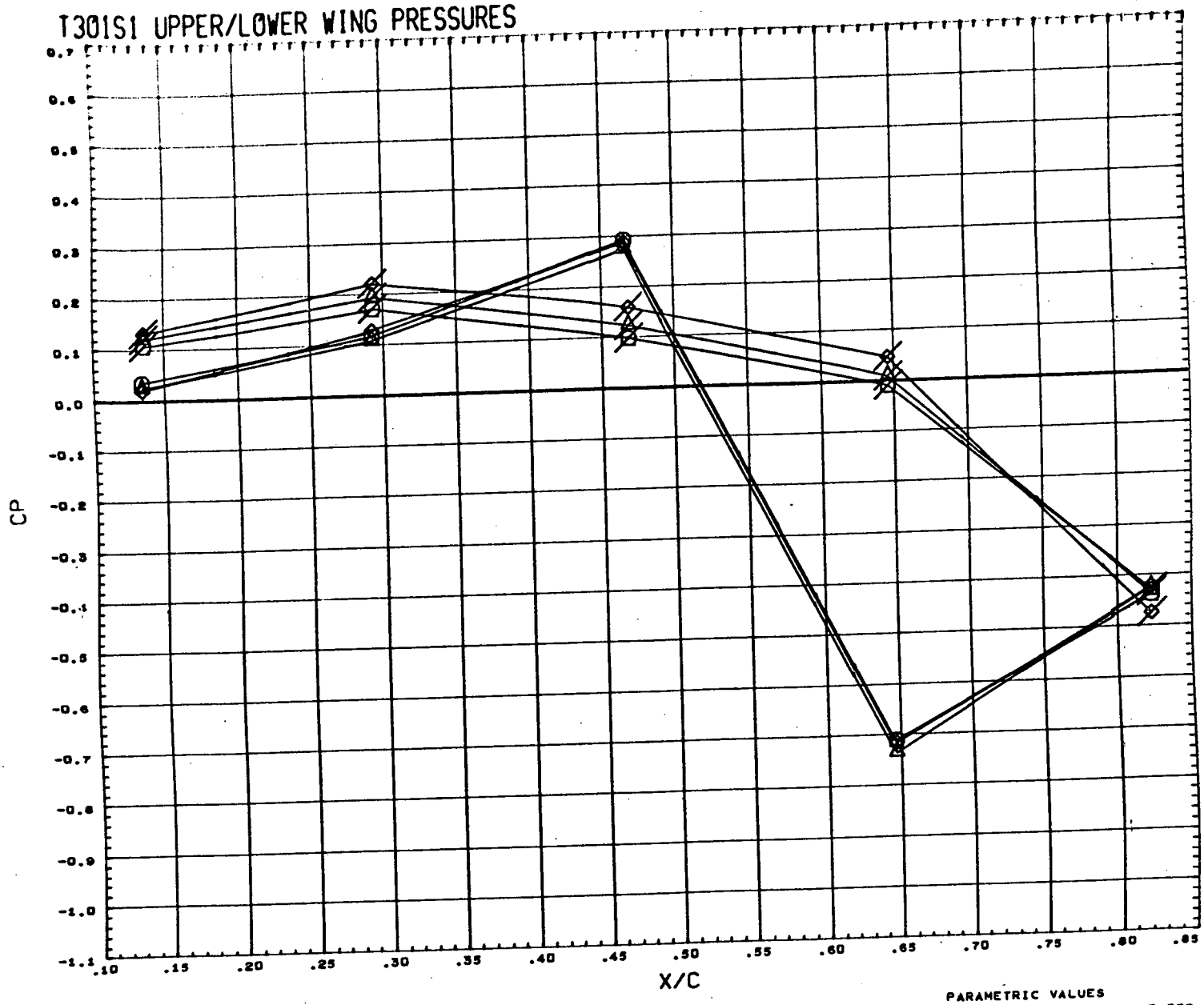
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	0.999
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



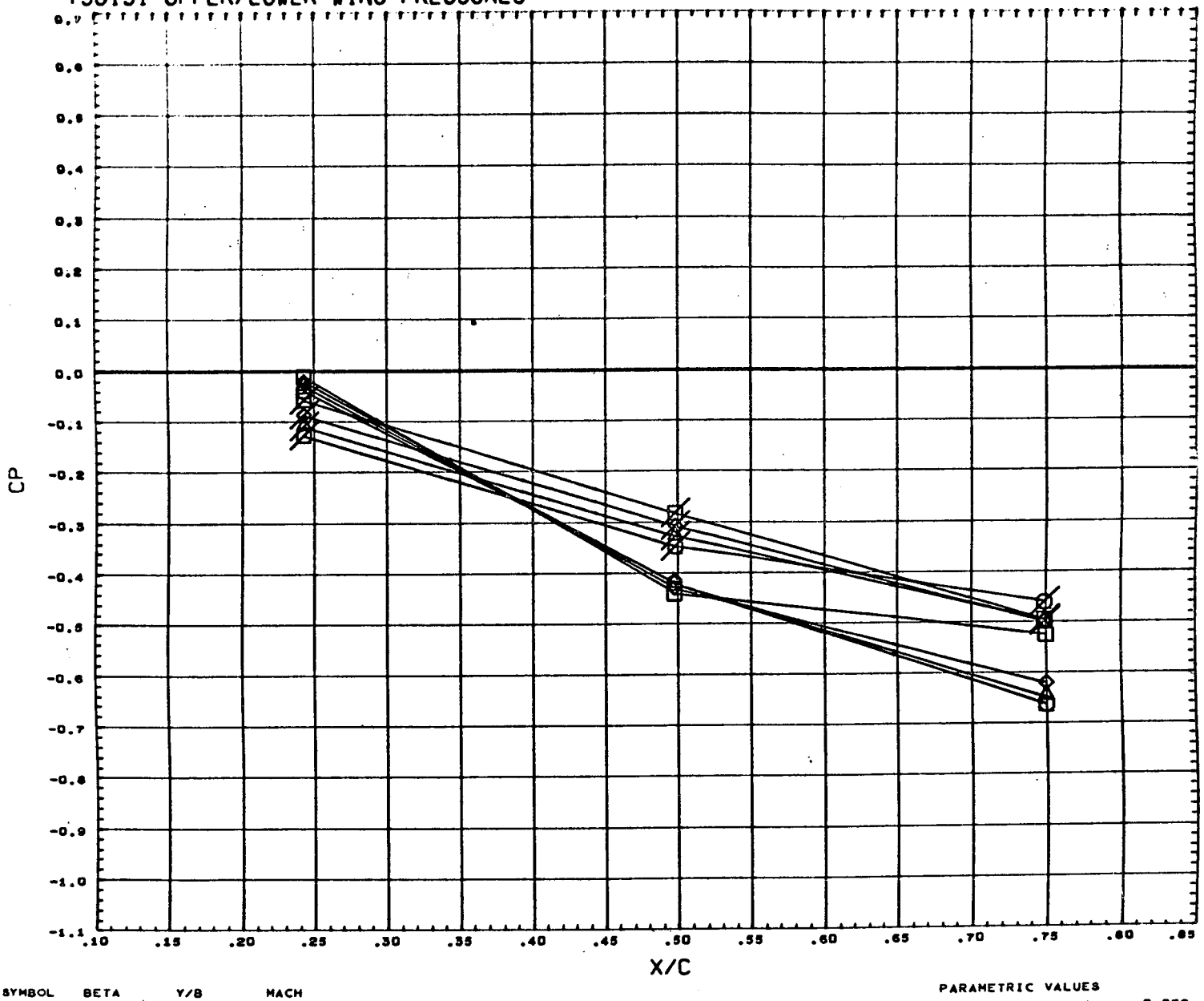
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.999
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



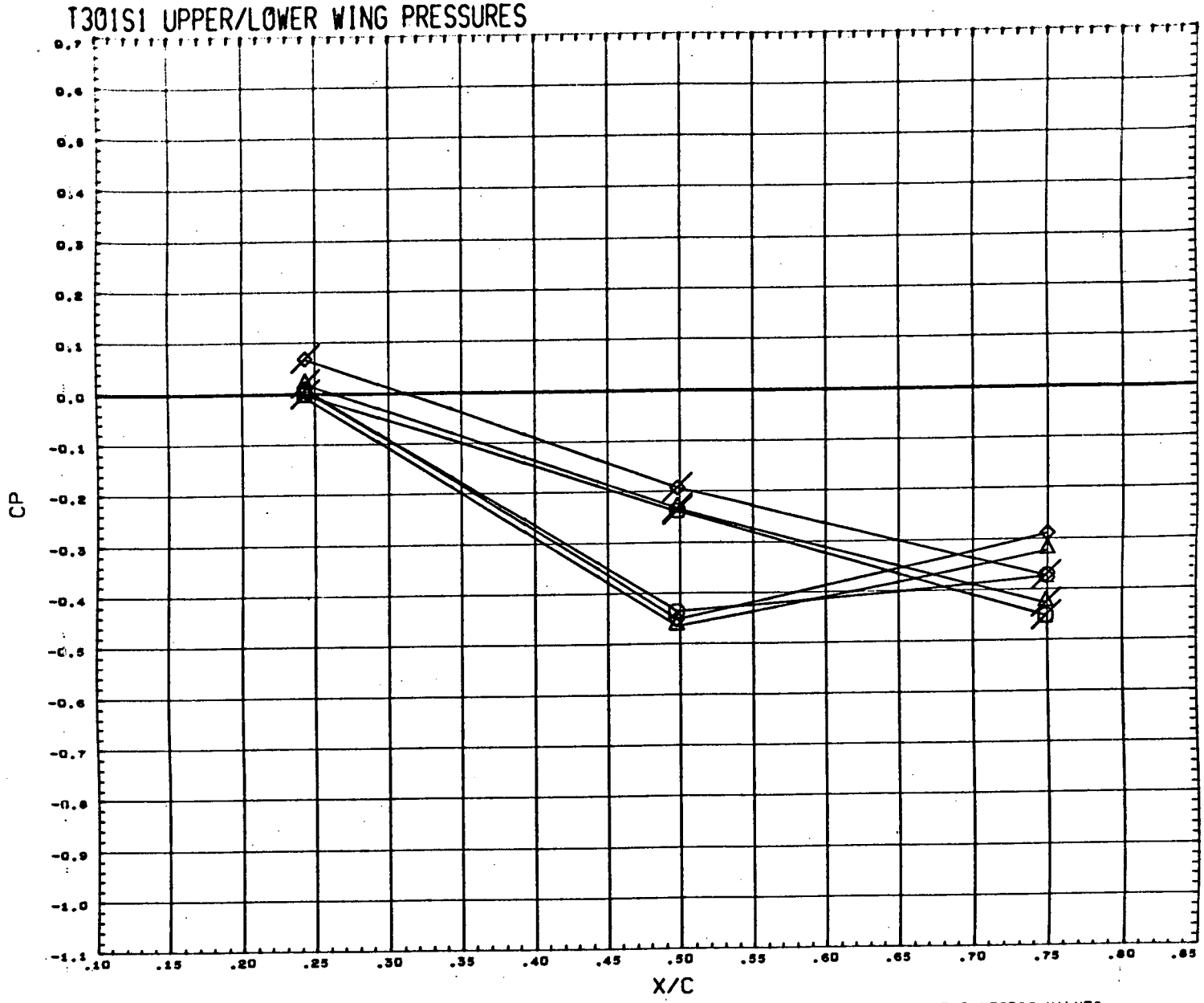
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	0.999
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



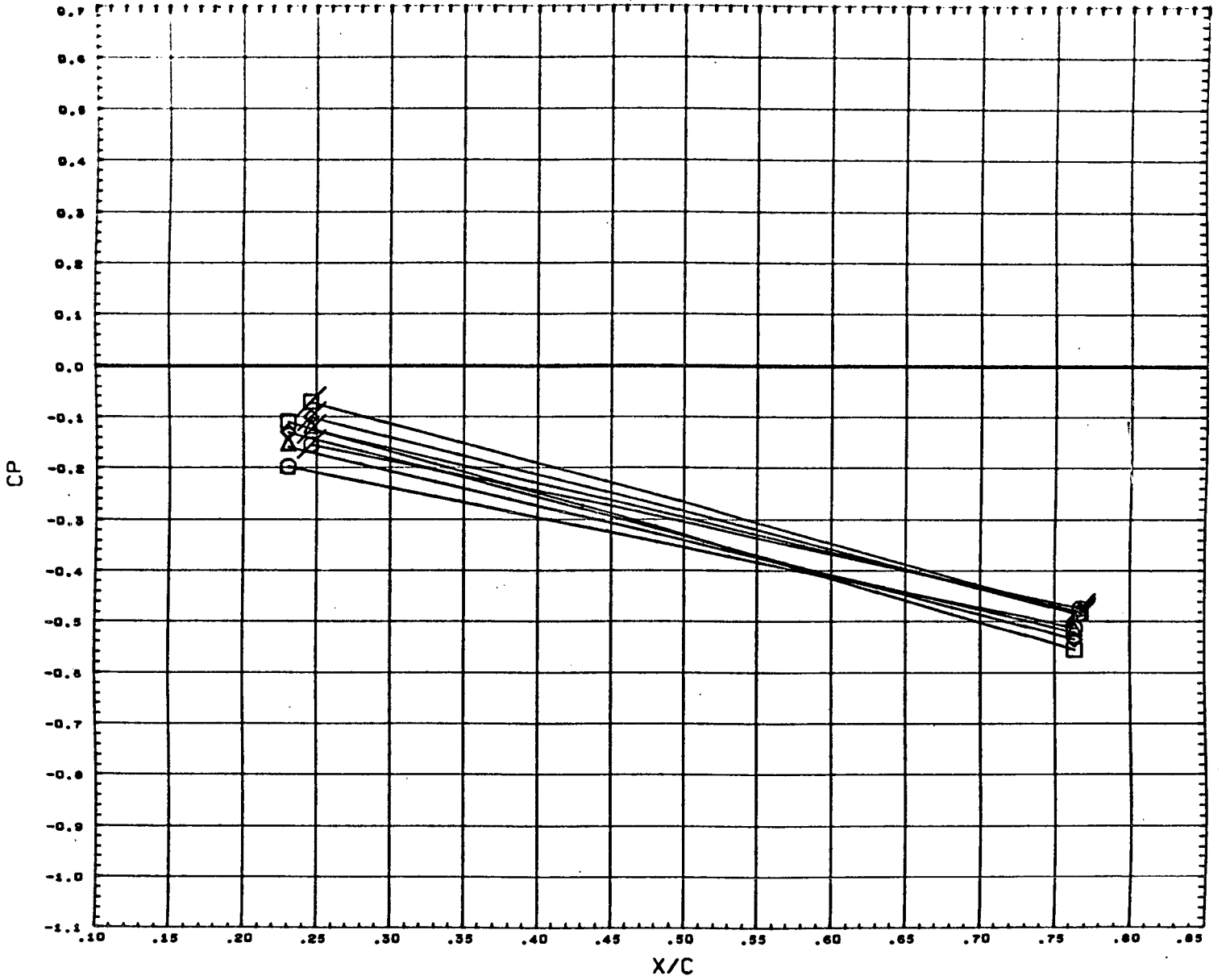
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.999
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



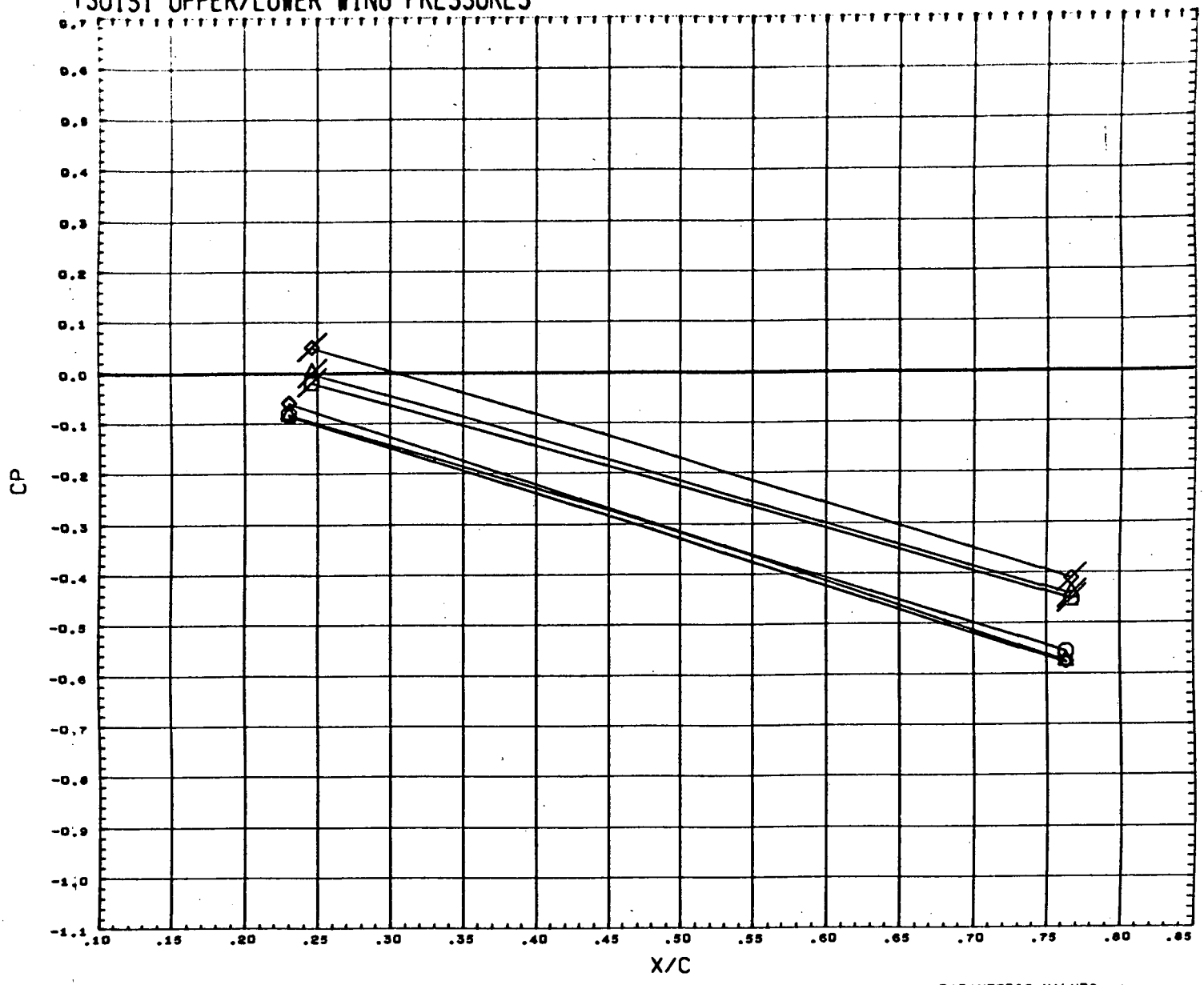
SYMBOL	BETA	Y/B	MACH
○	6.000	0.645	0.999
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



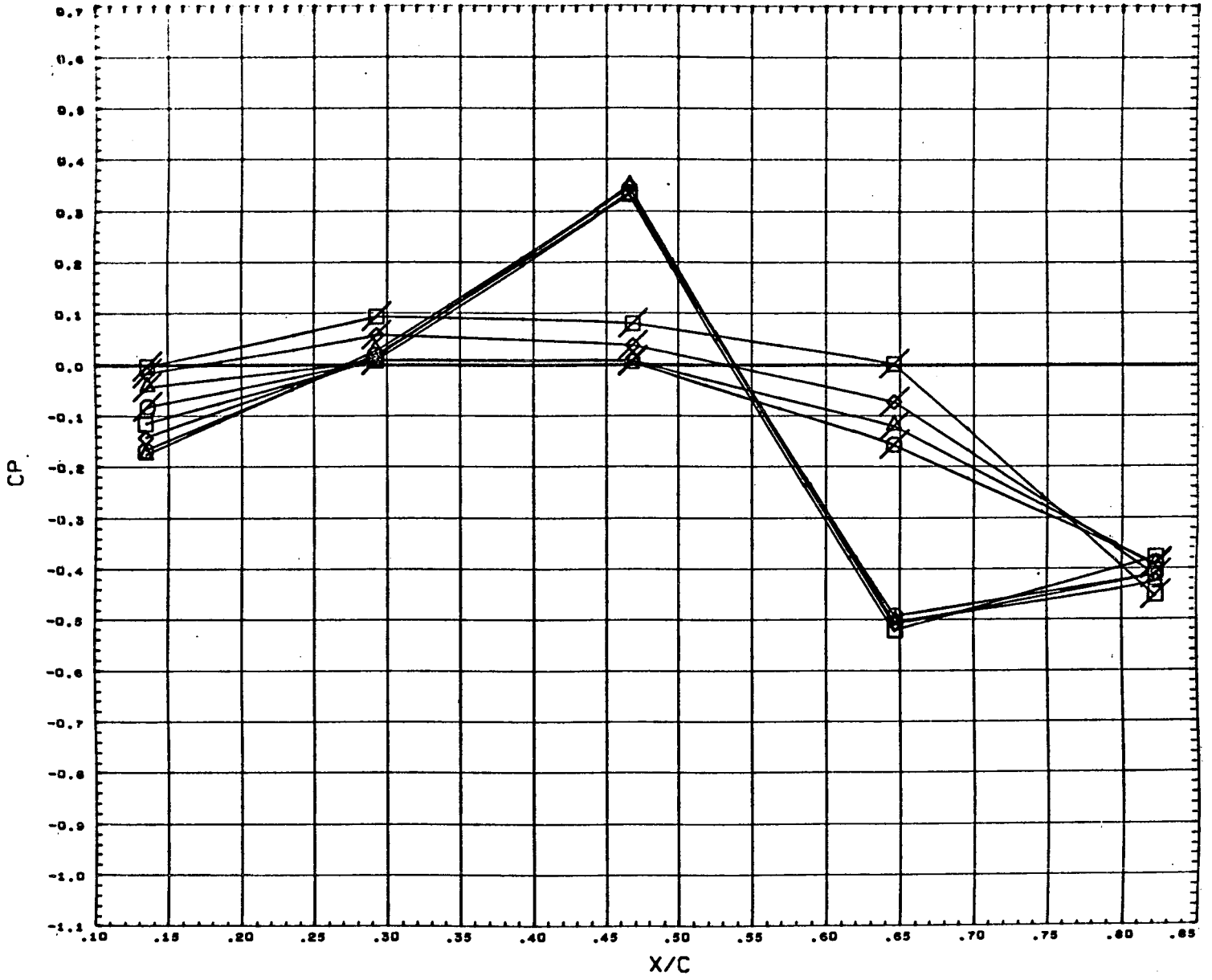
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.999
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



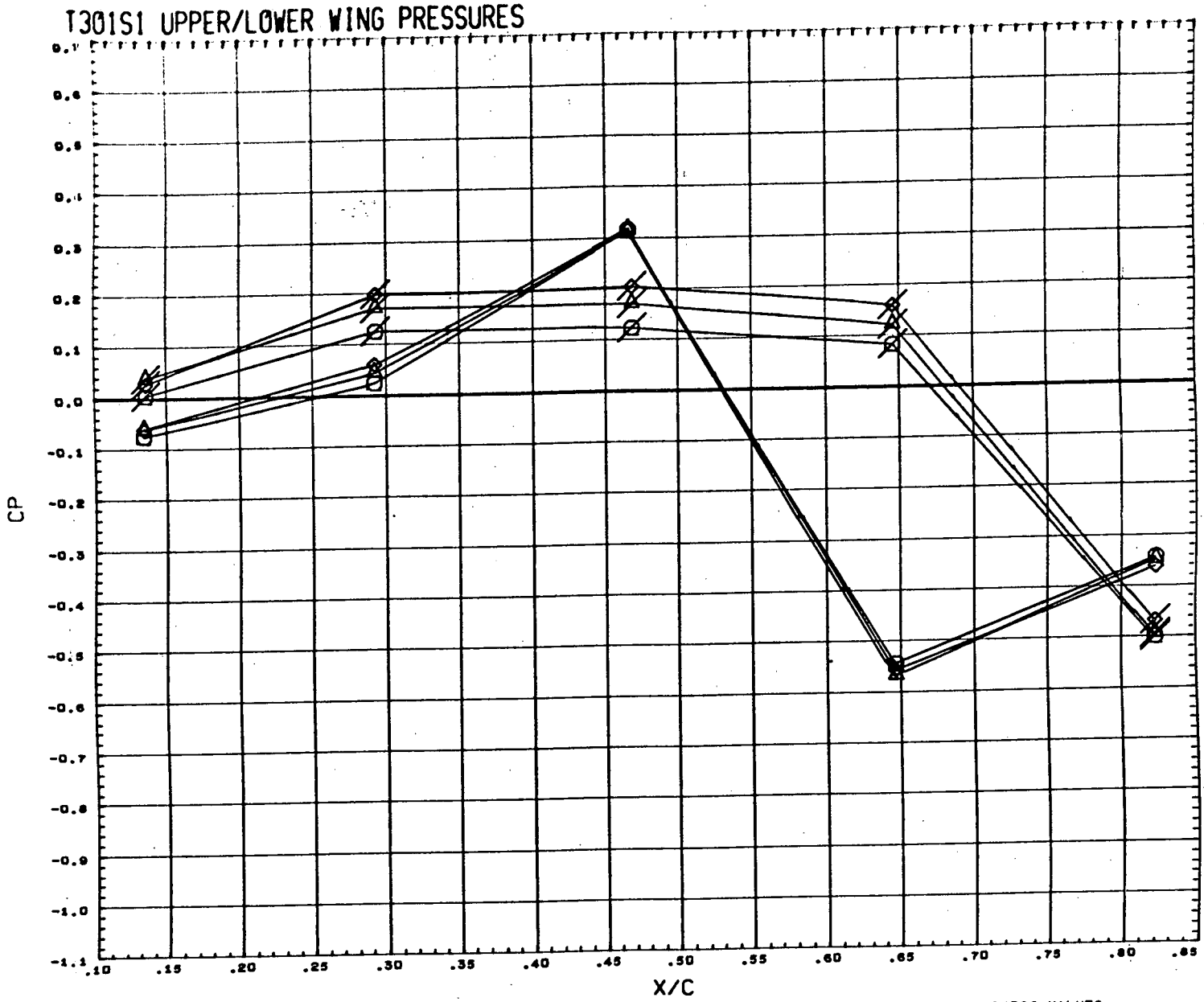
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.101
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



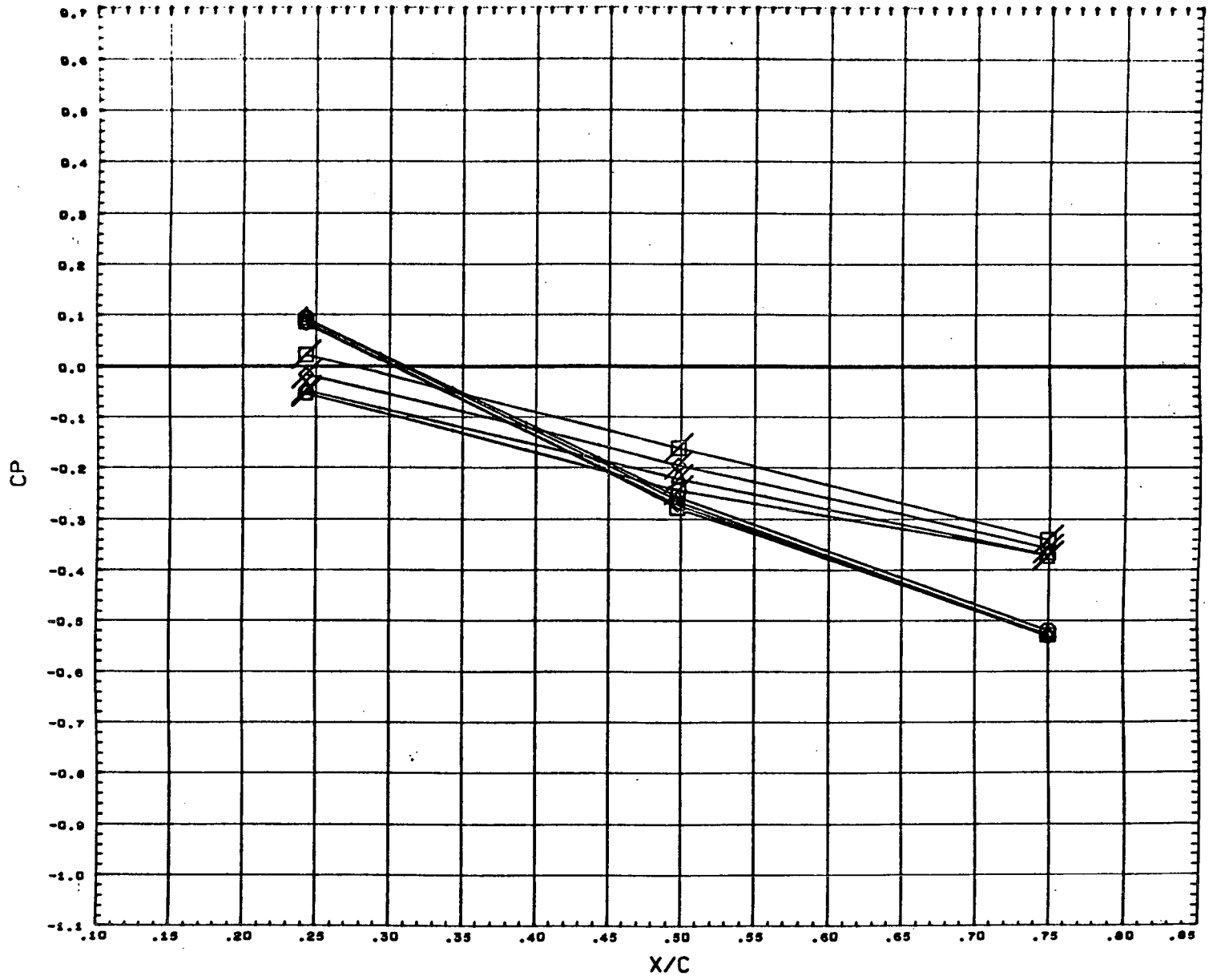
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



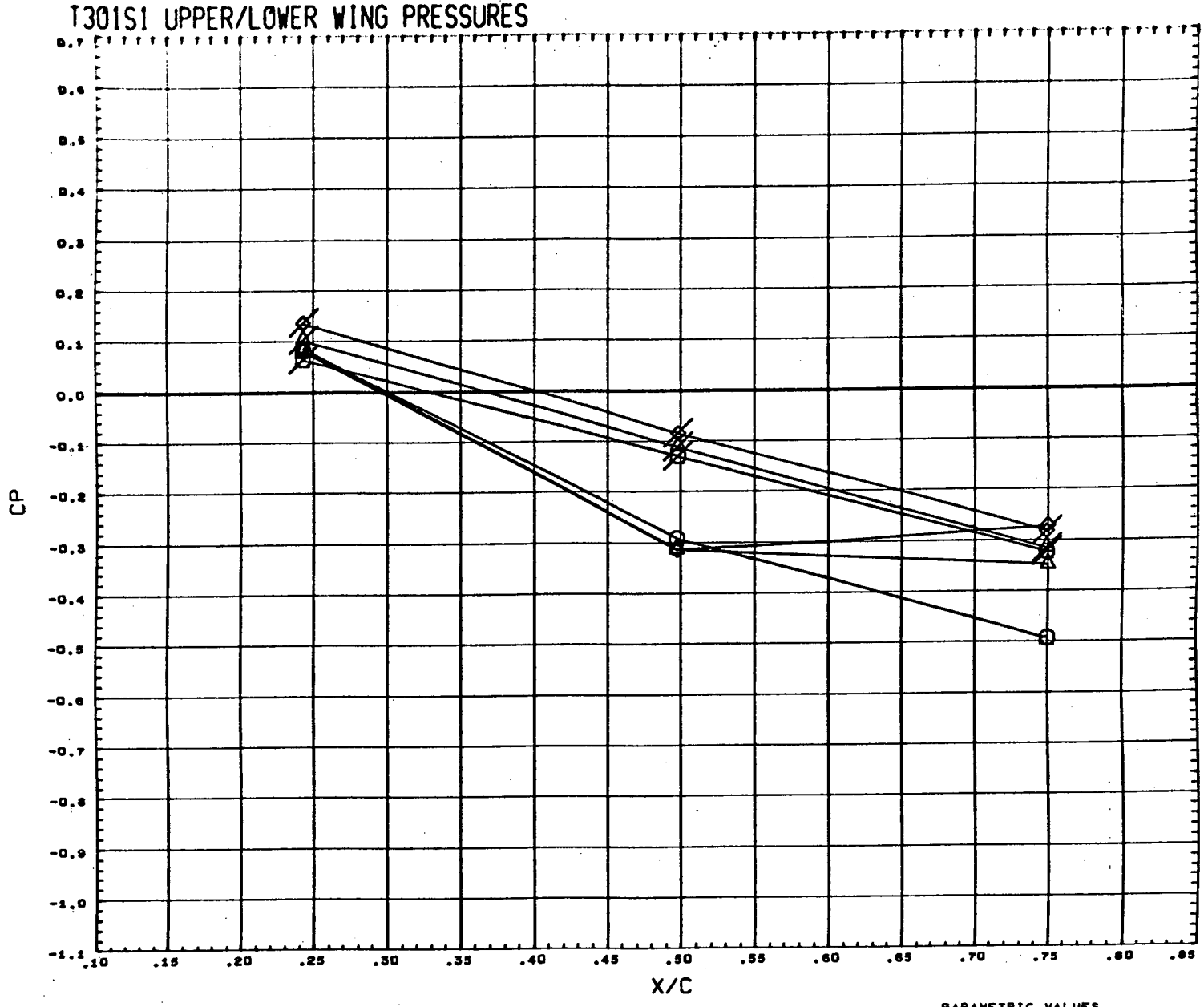
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.101
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



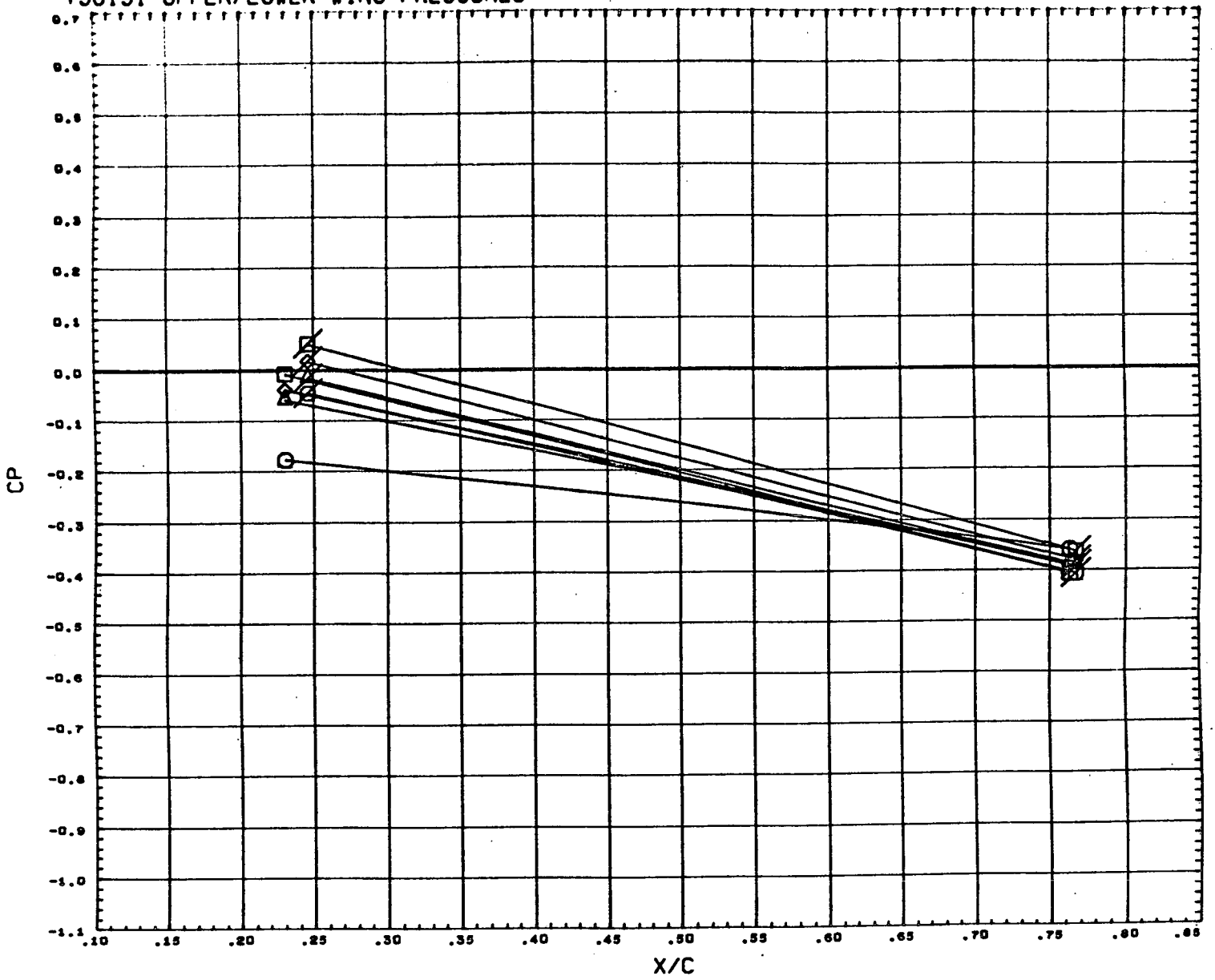
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



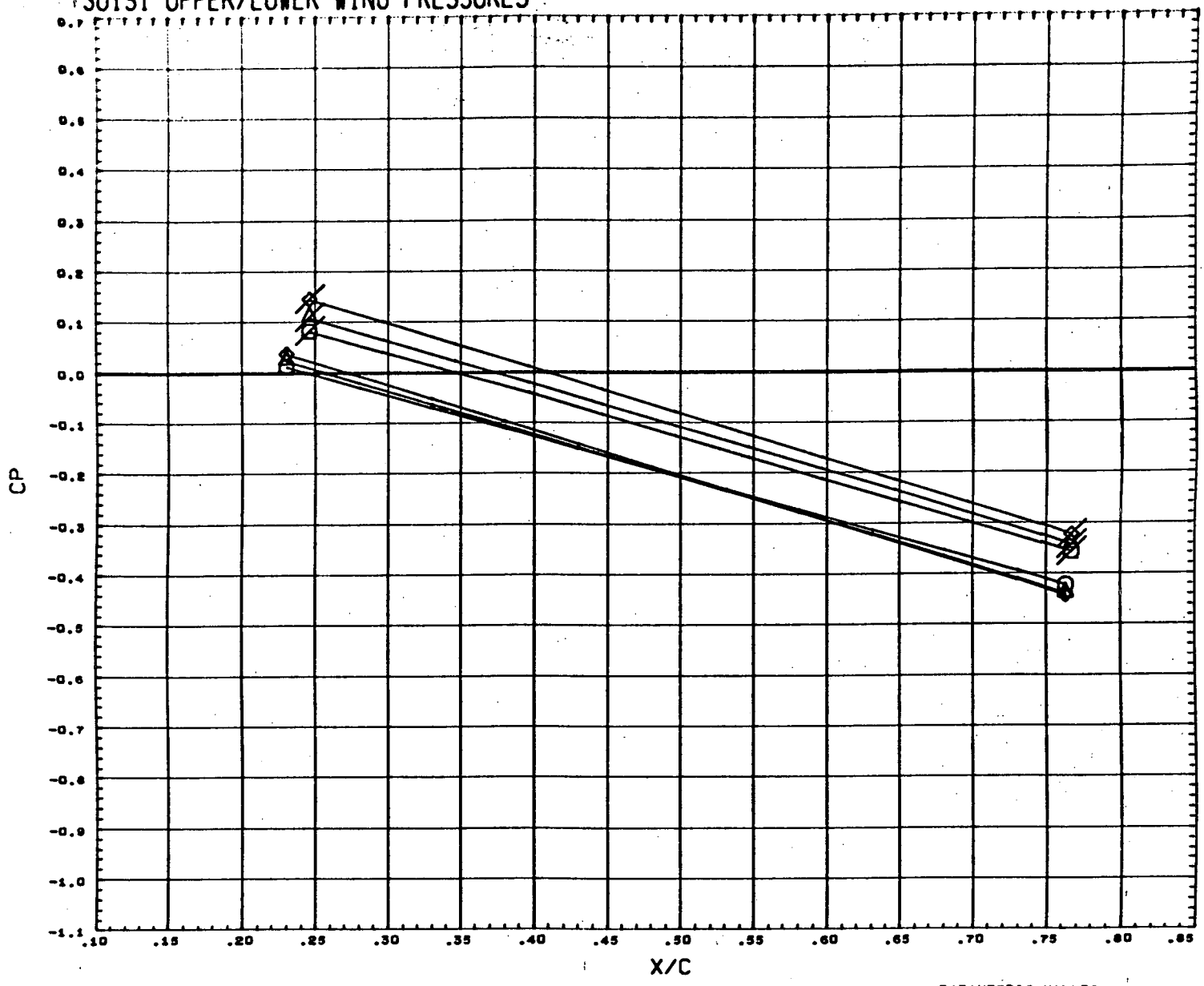
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.101
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



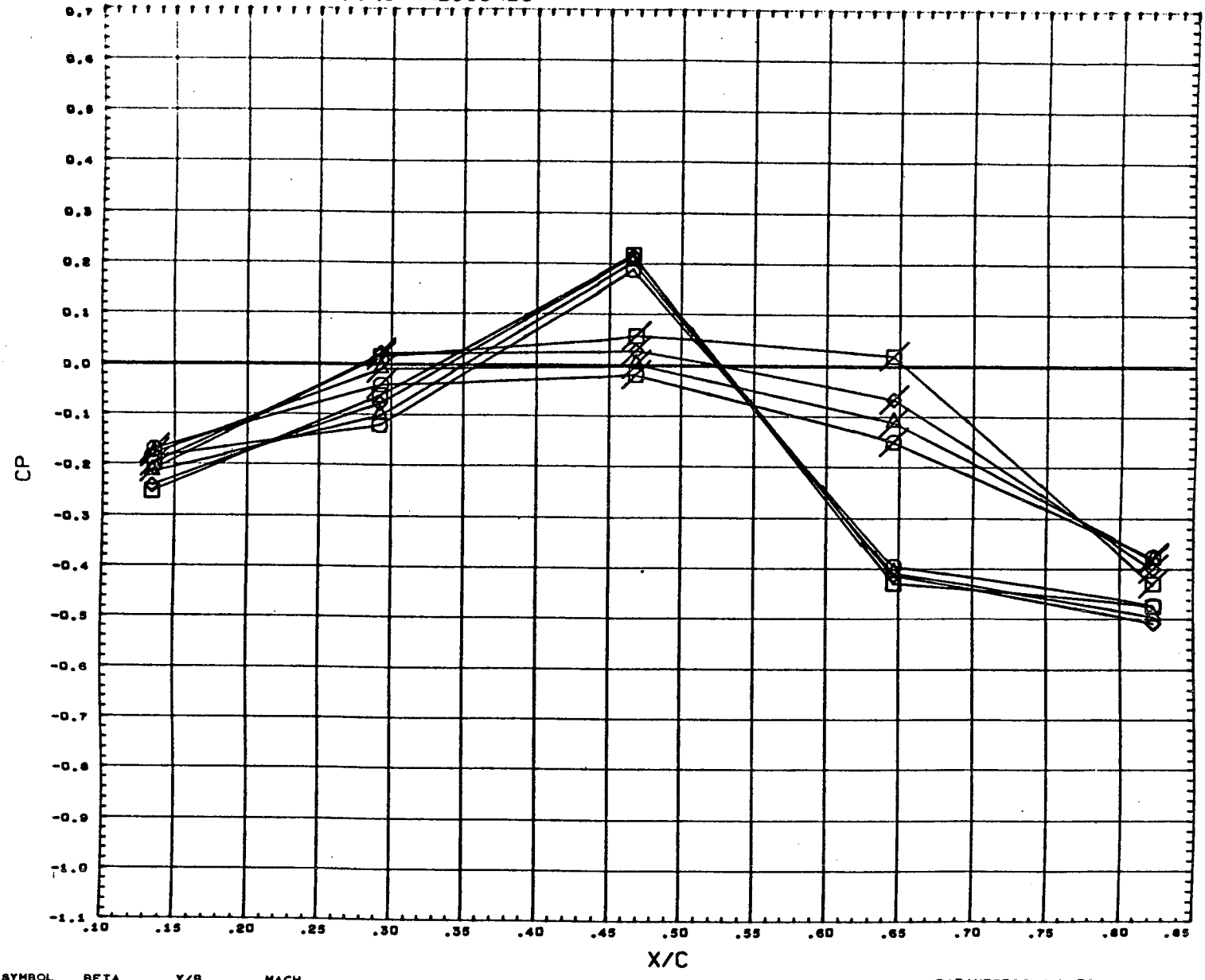
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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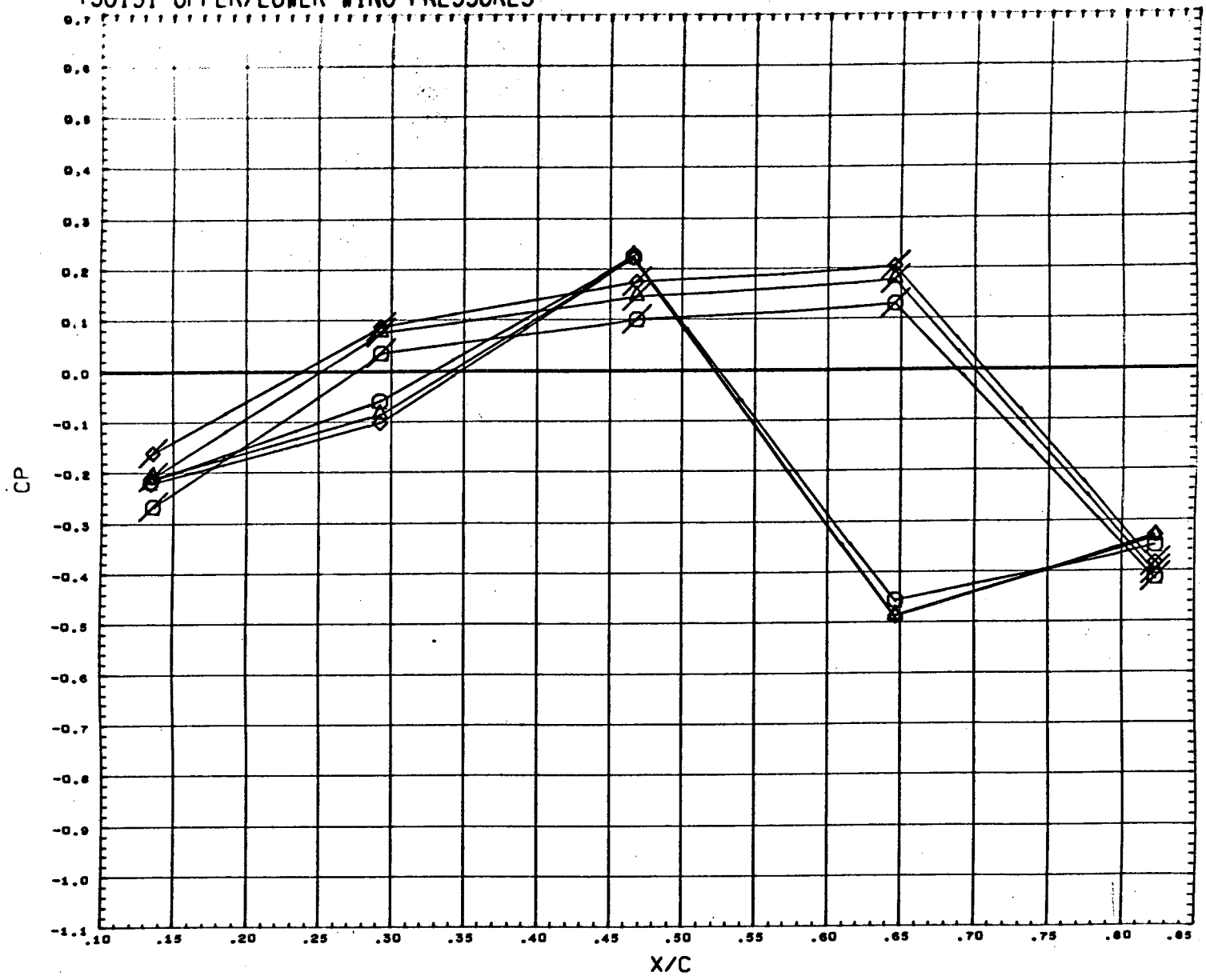
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



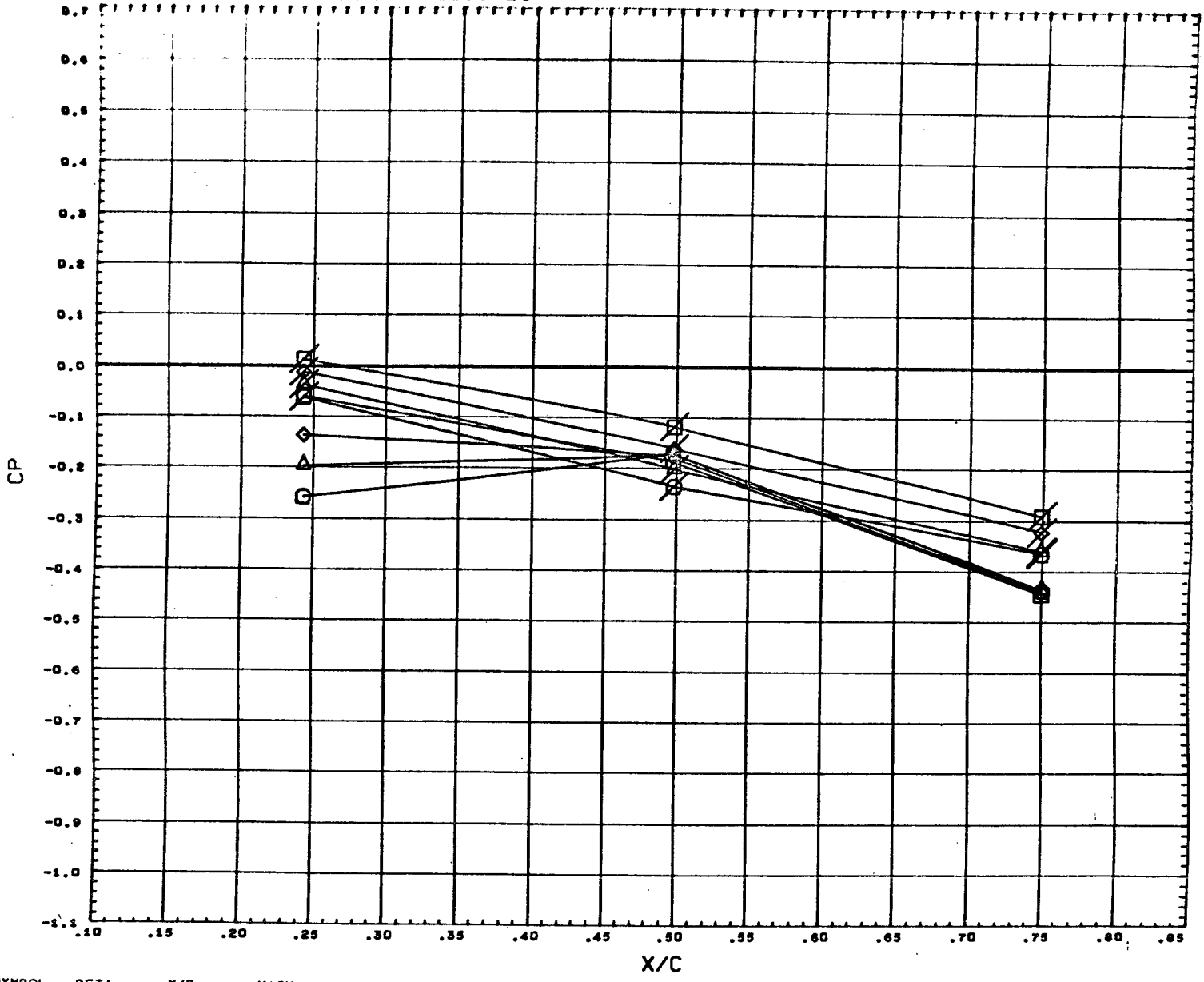
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.200
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



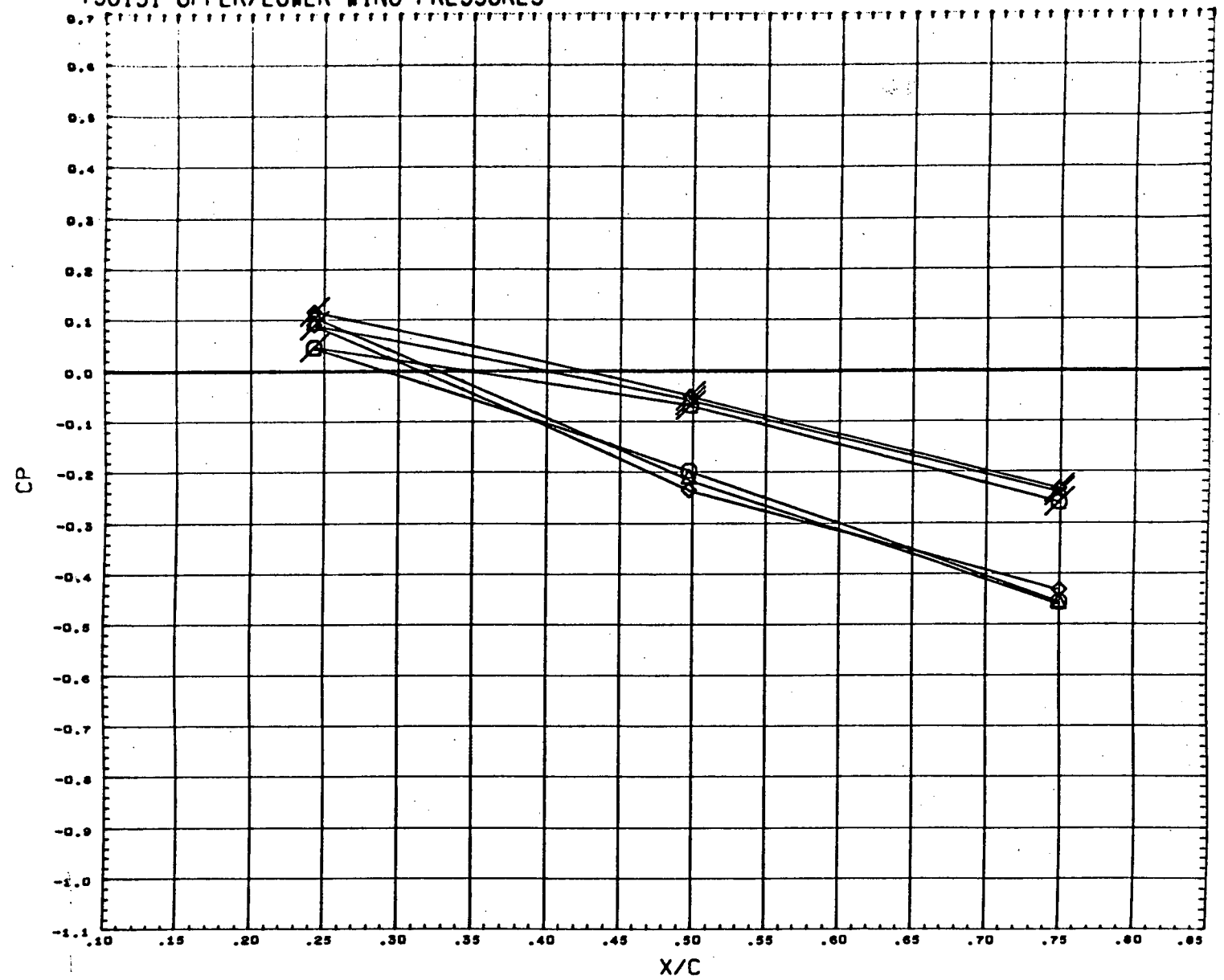
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.200
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



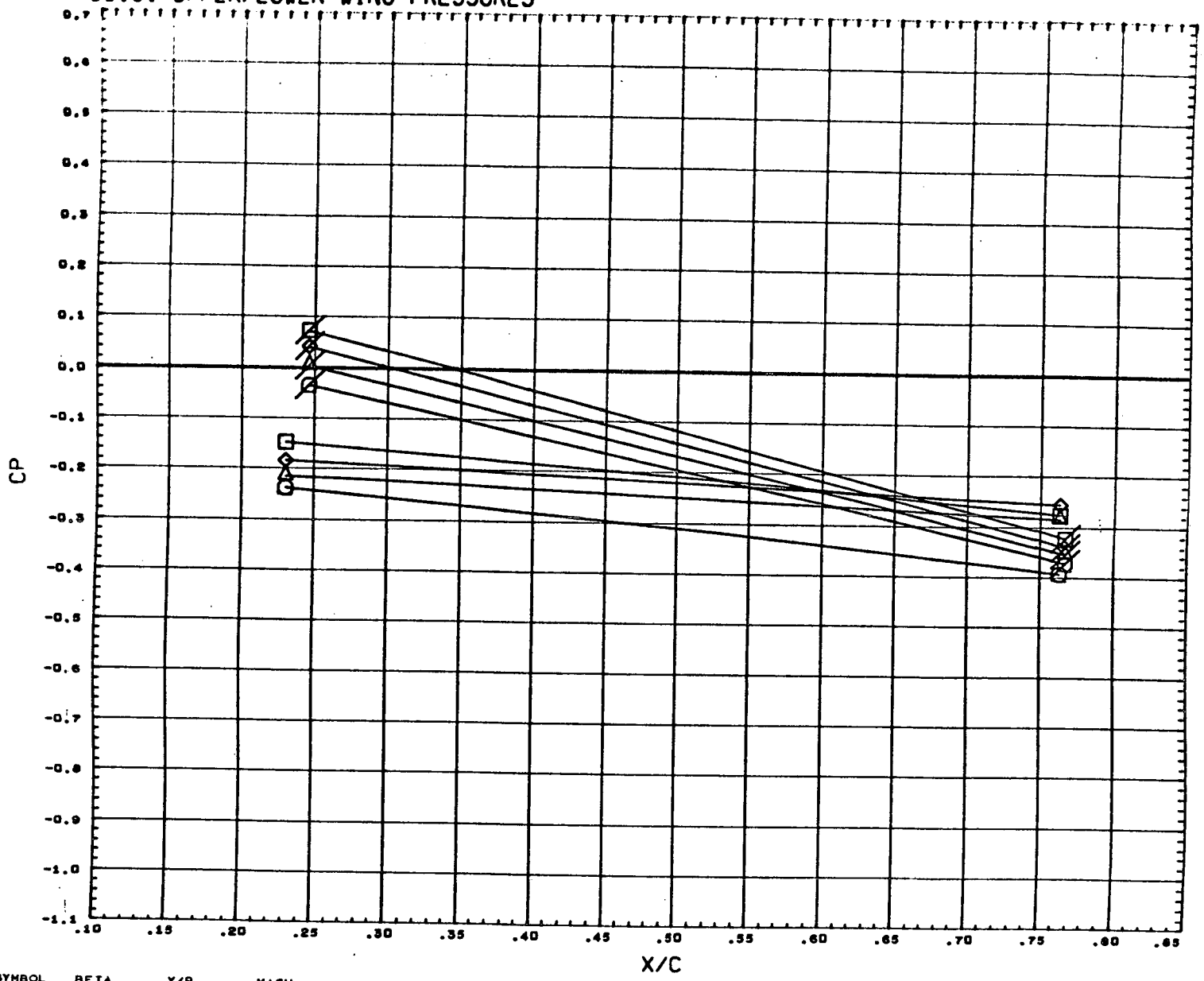
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.200
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



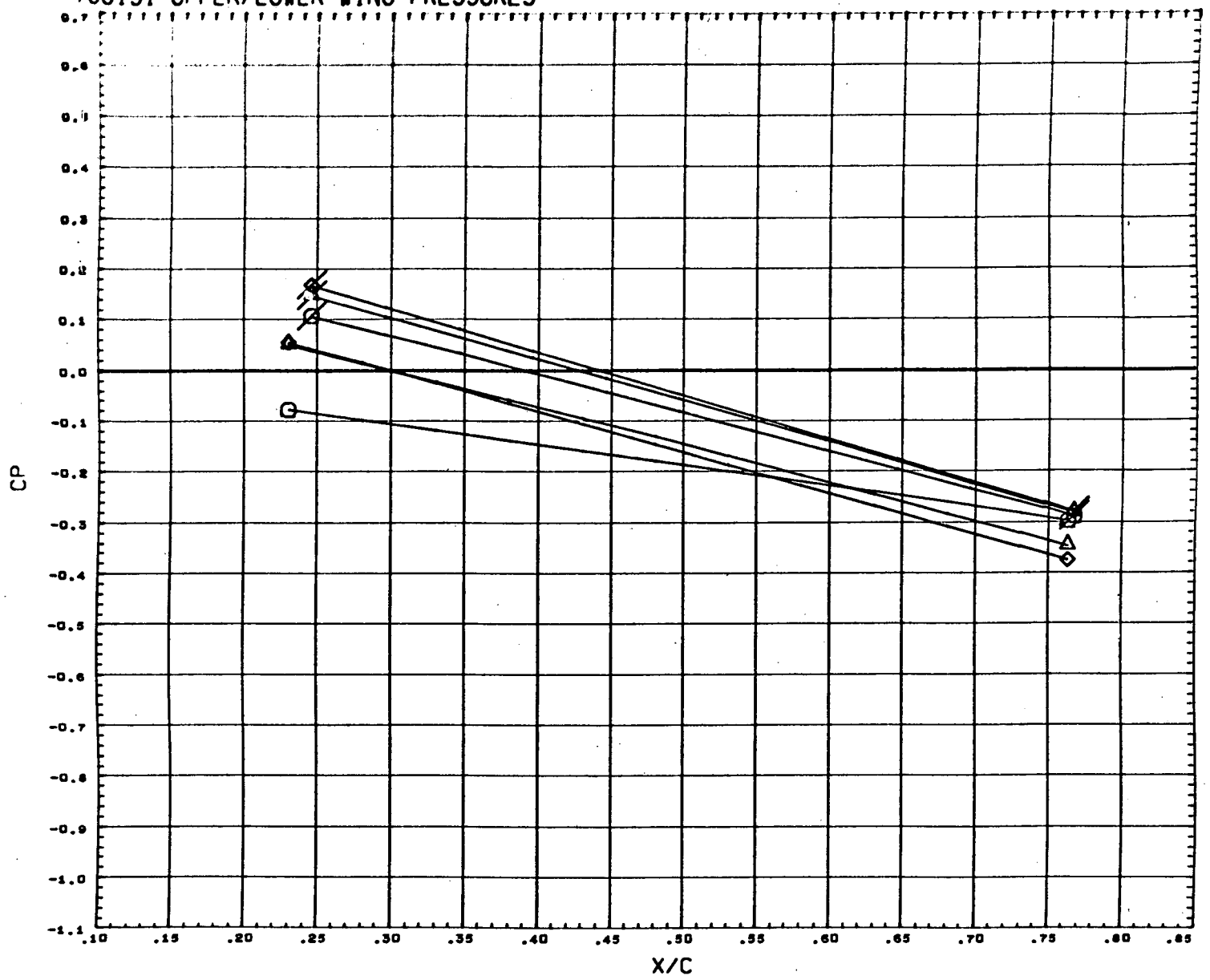
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.200
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



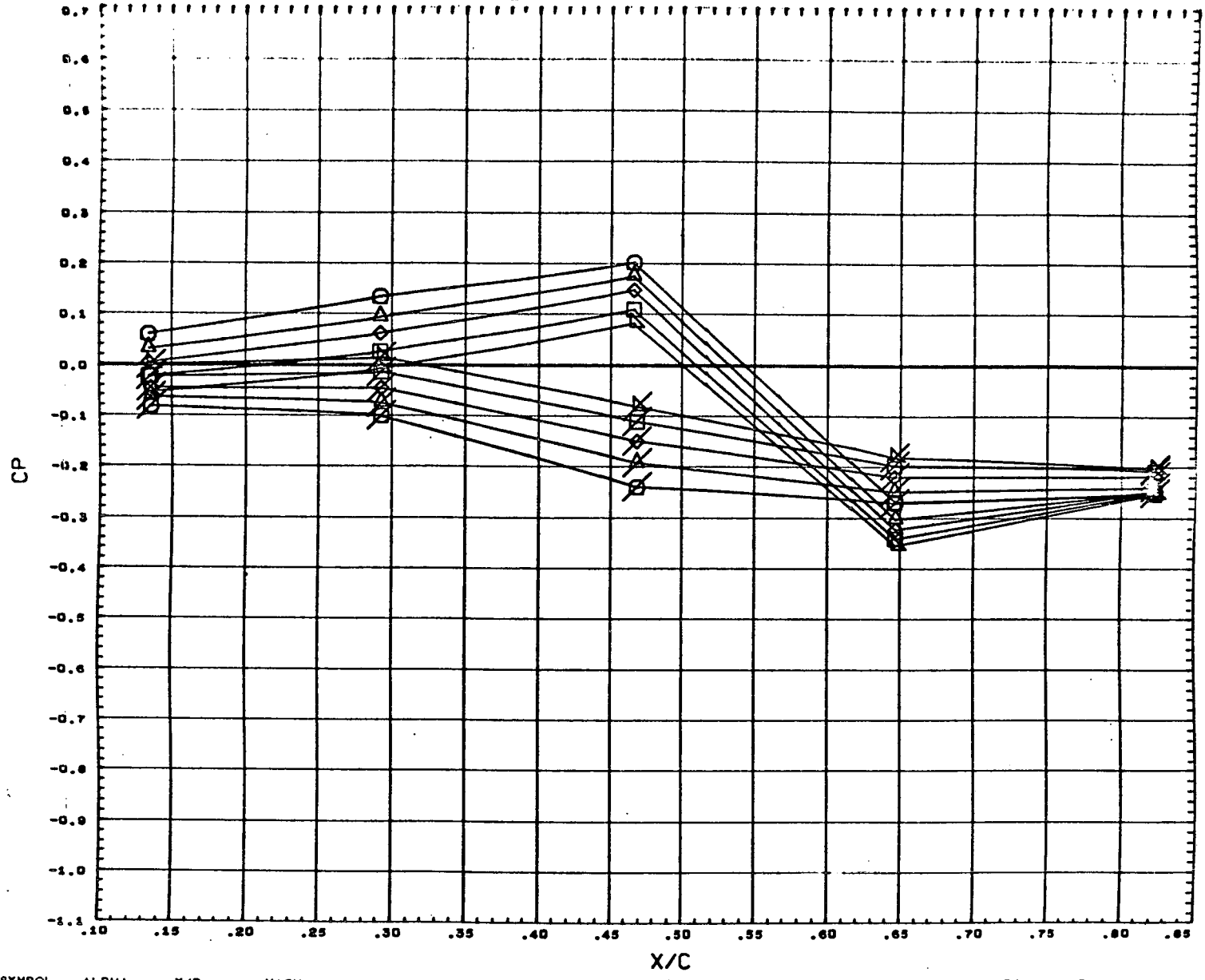
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.200
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73012)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73012)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



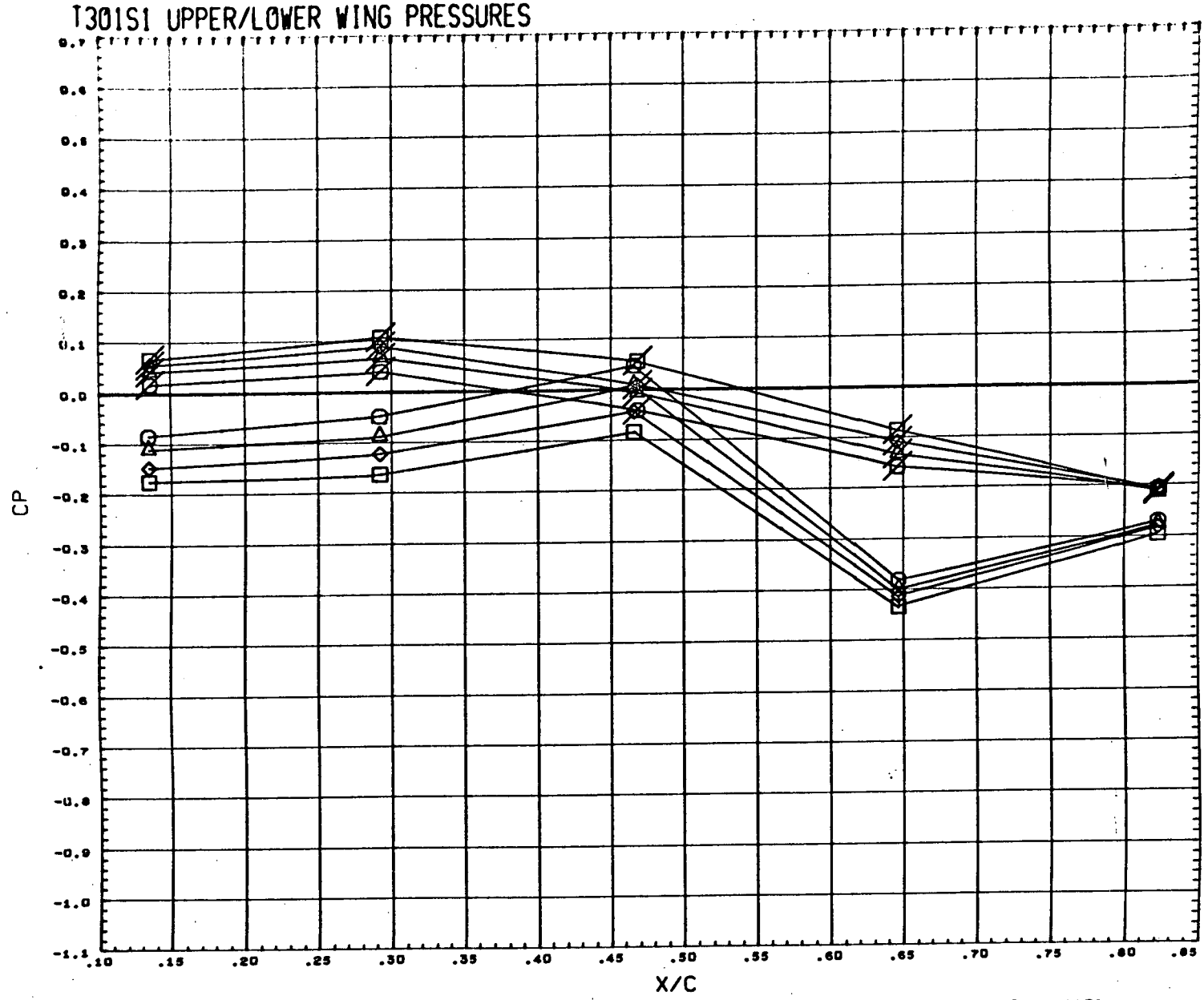
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.595
△	6.000		
◇	4.000		
□	2.000		
↖	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



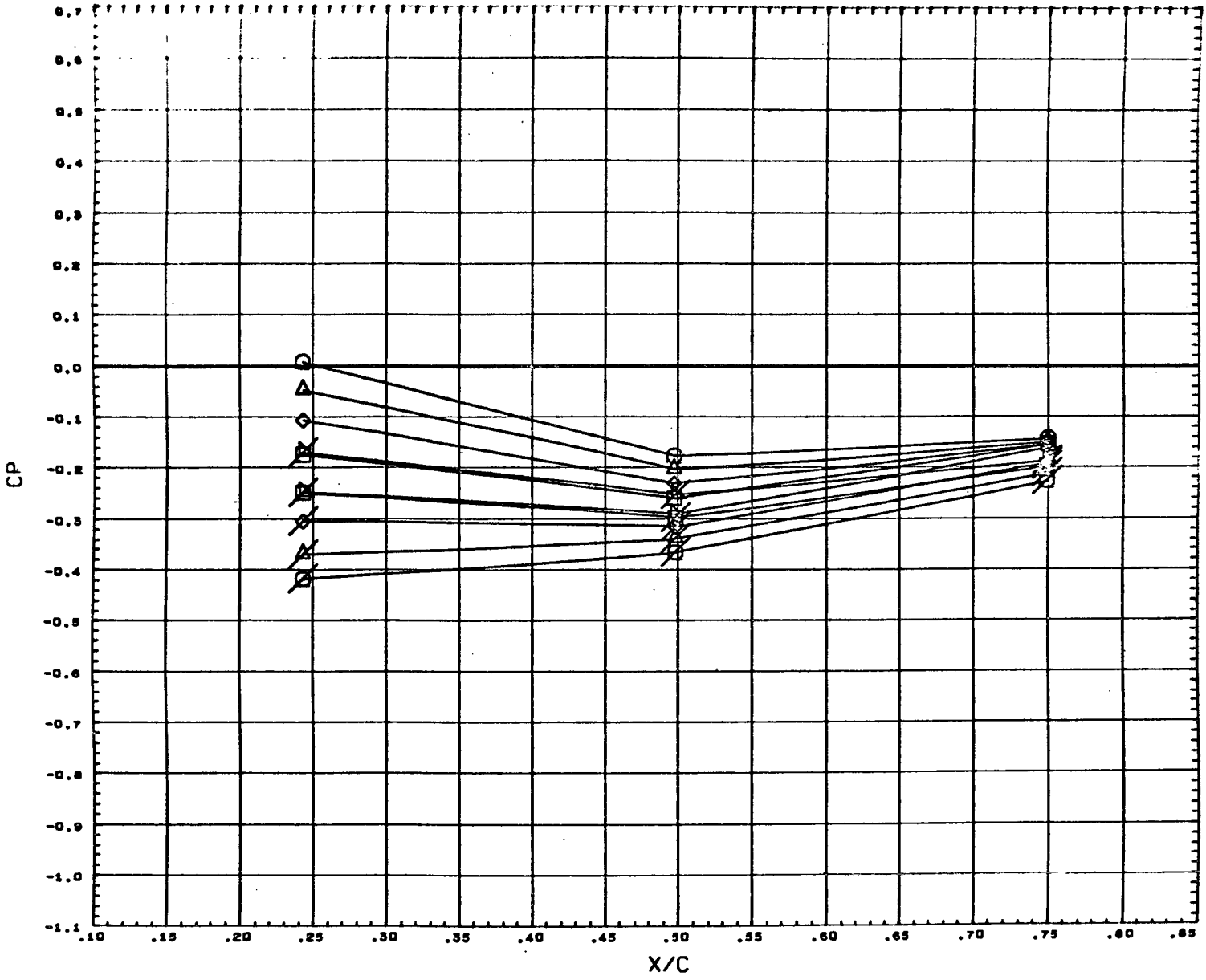
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.595
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



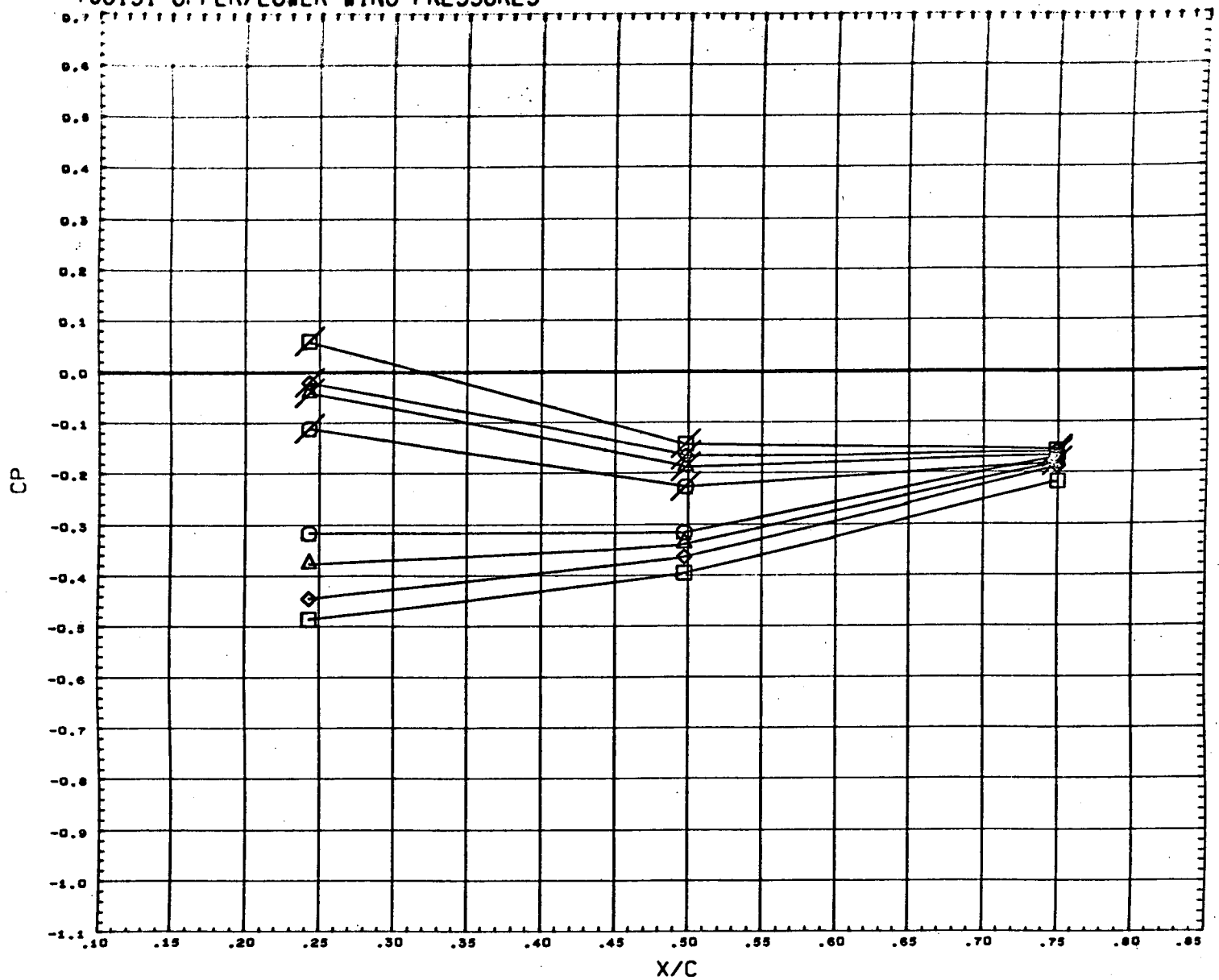
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.595
△	6.000		
◇	4.000		
□	2.000		
▷	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



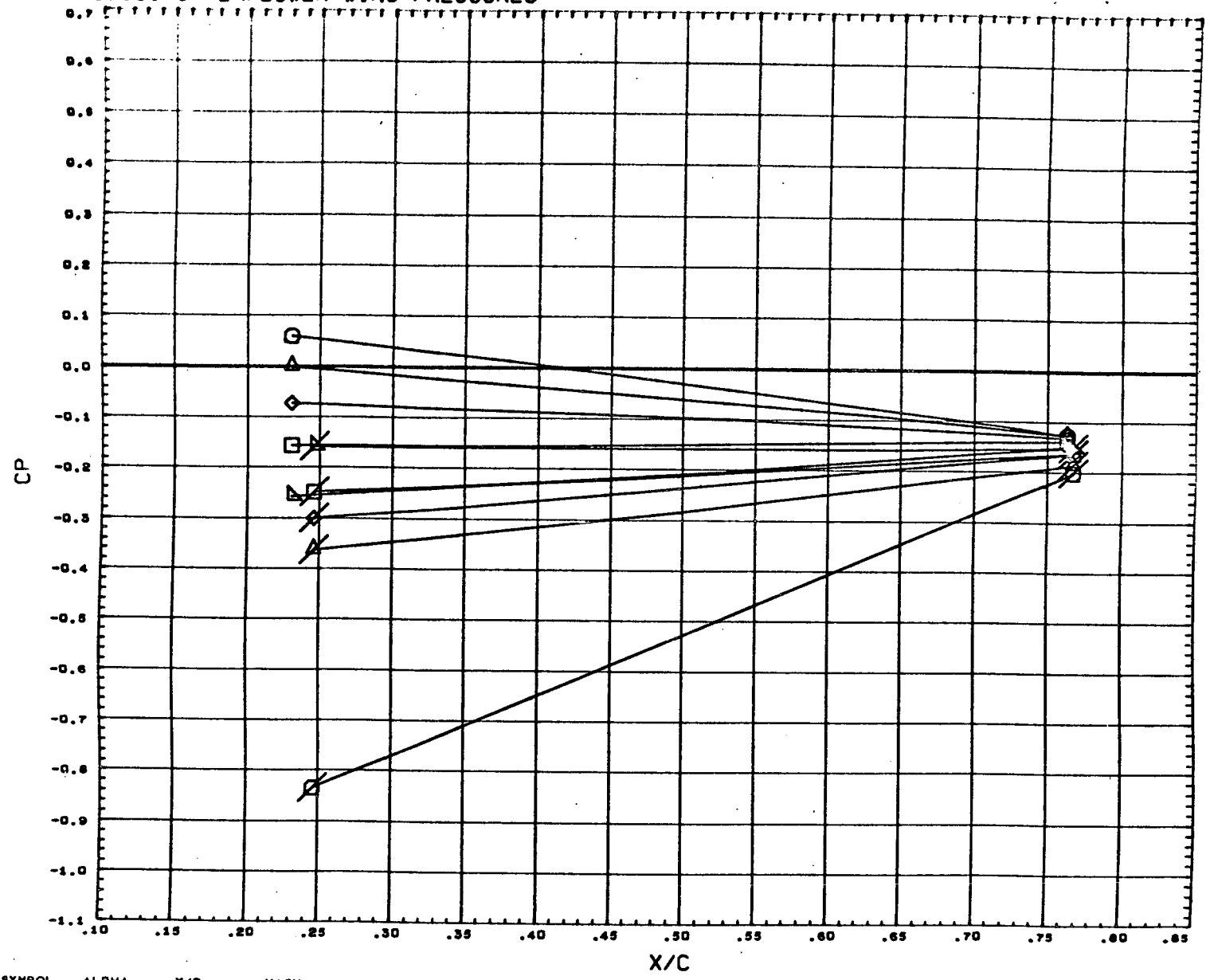
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.595
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



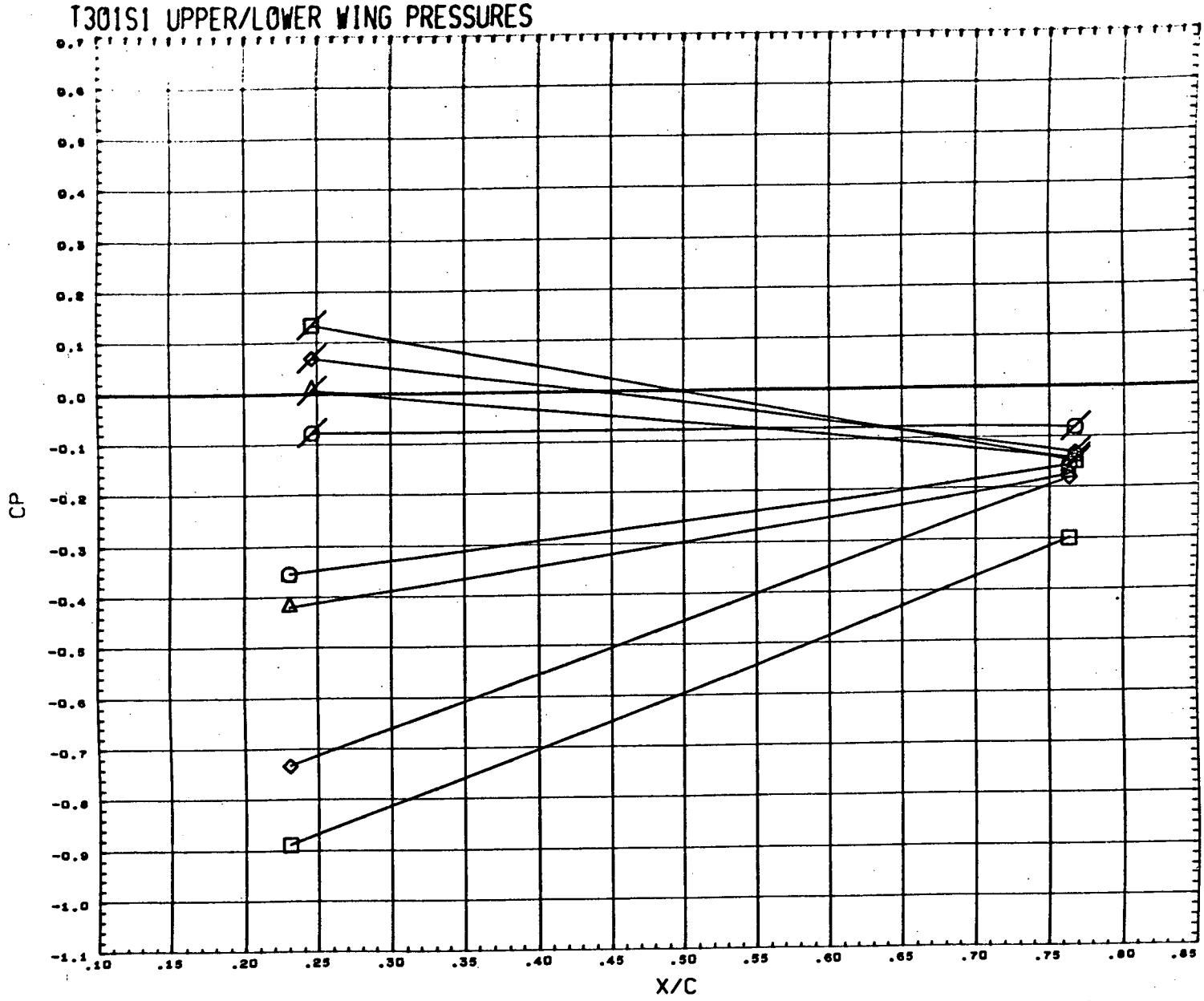
SYMBOL	ALPHA	Y/B	MACH
	8.000	0.645	0.595
	6.000		
	4.000		
	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



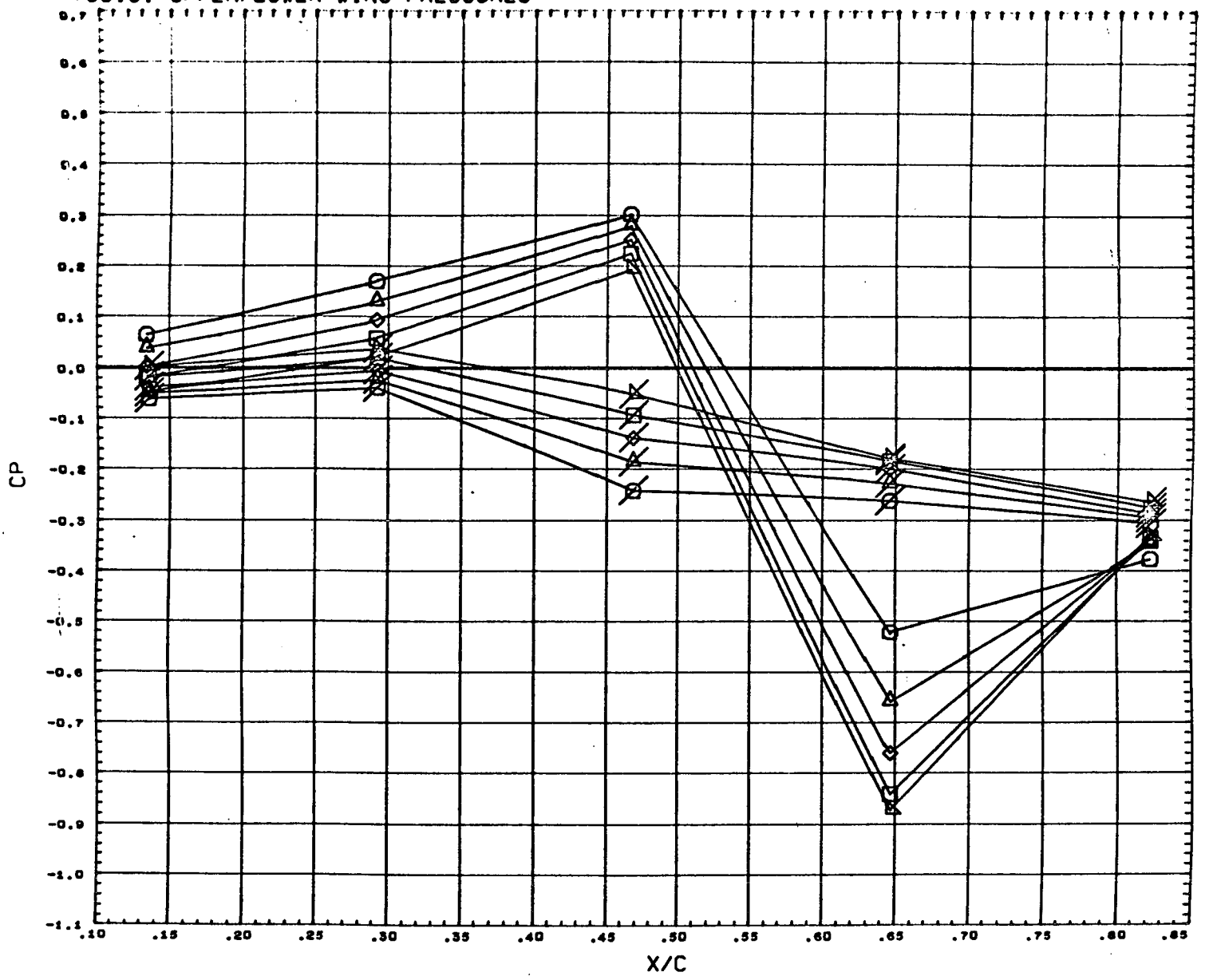
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.595
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



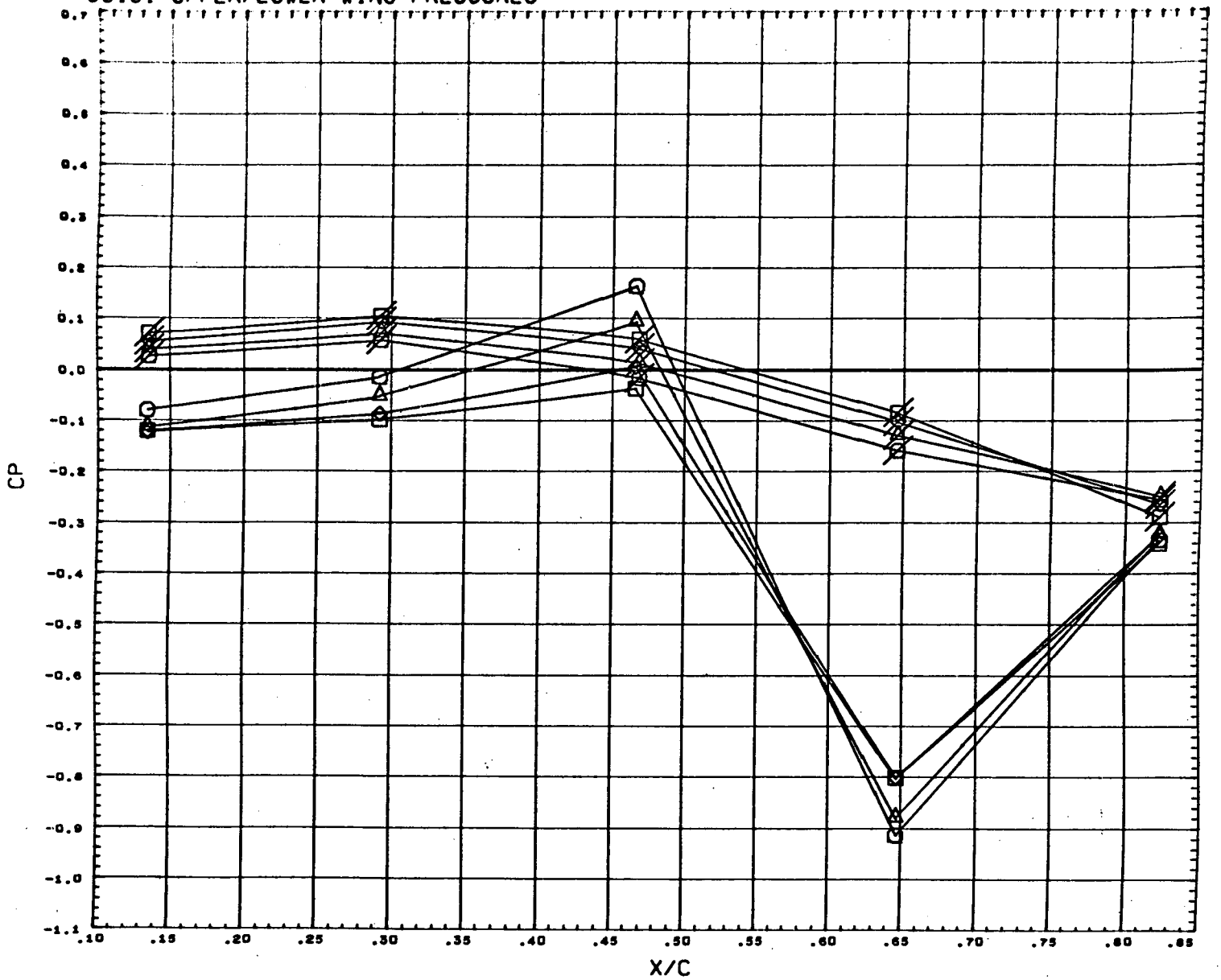
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.897
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



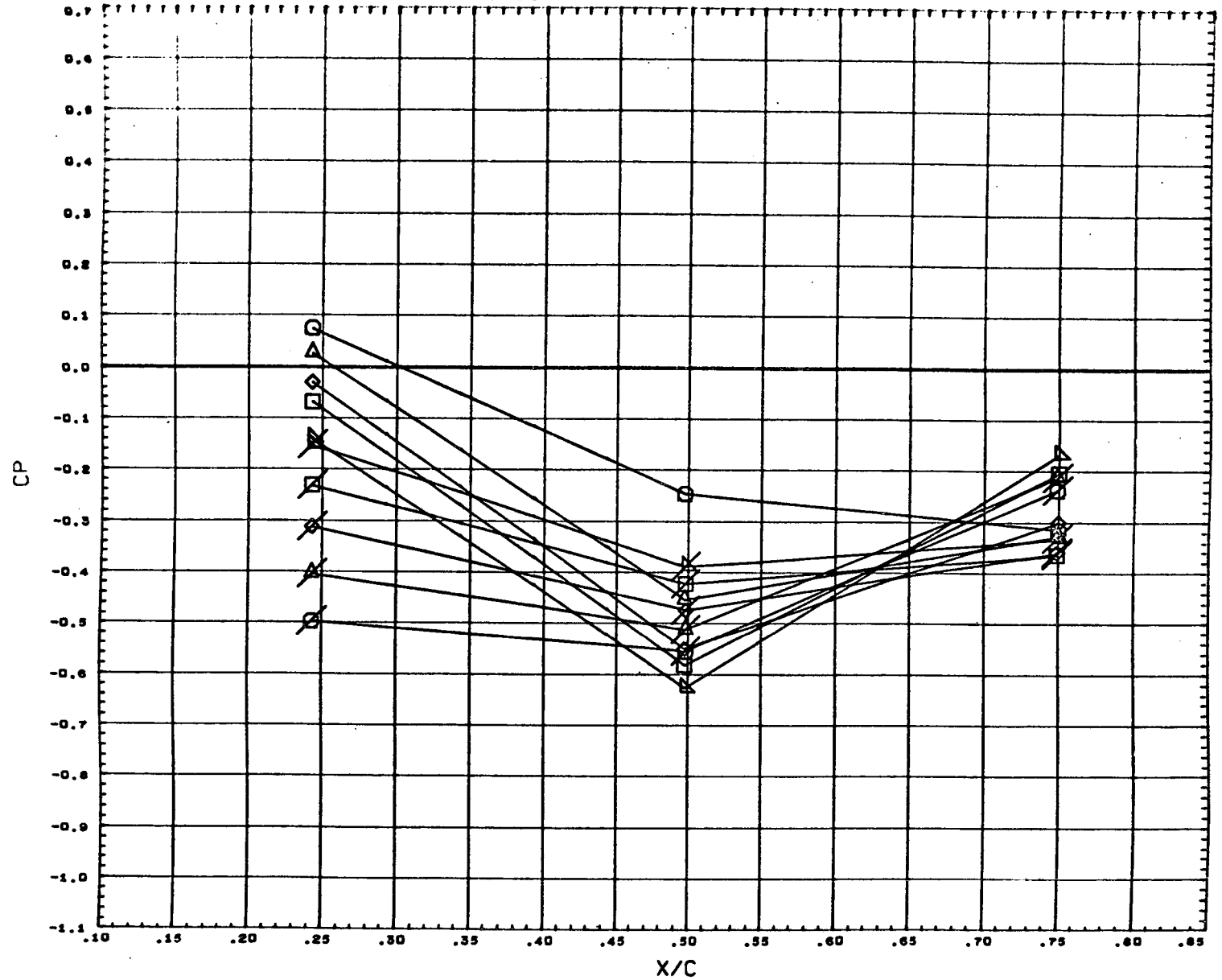
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.897
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



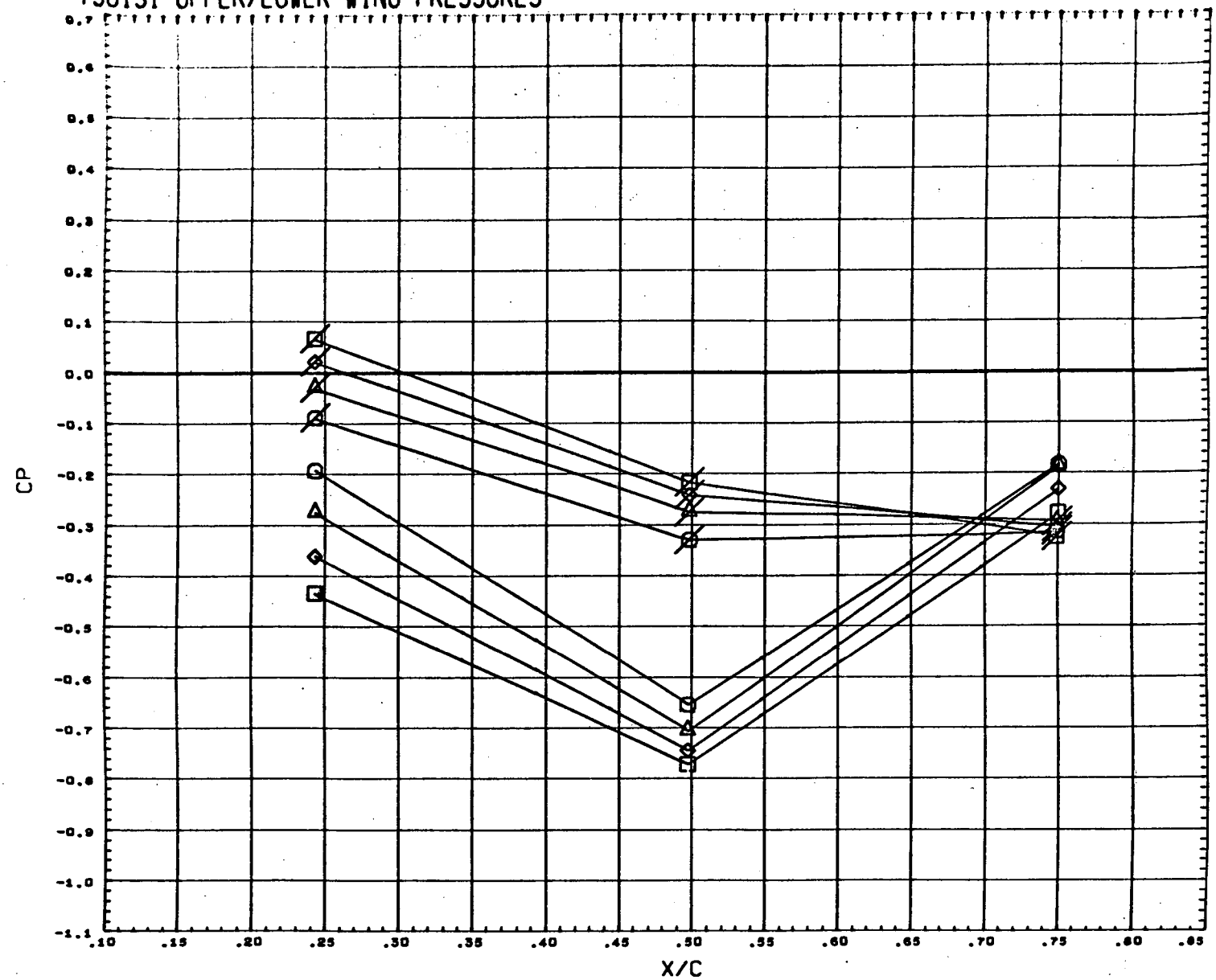
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	0.897
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



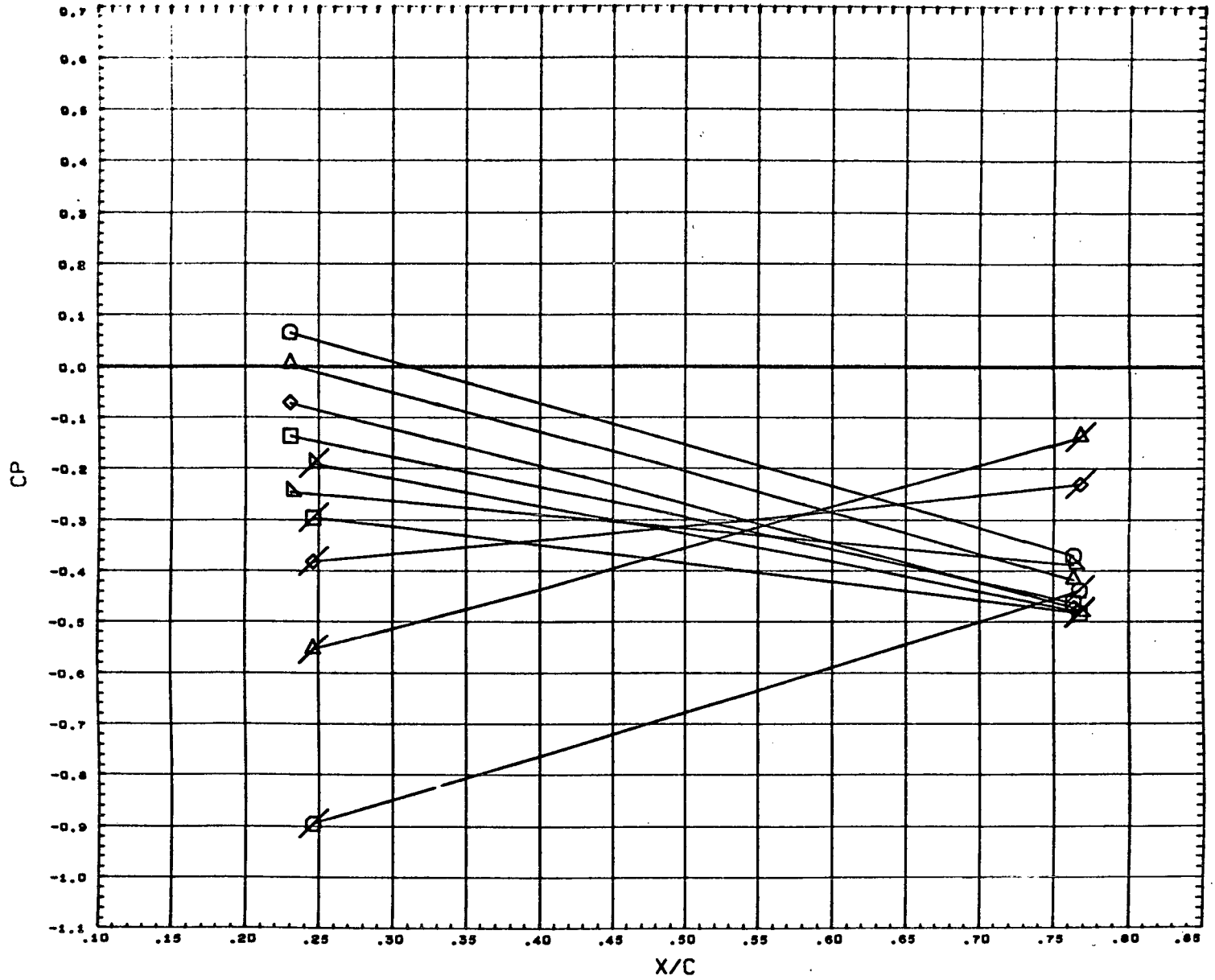
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.897
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



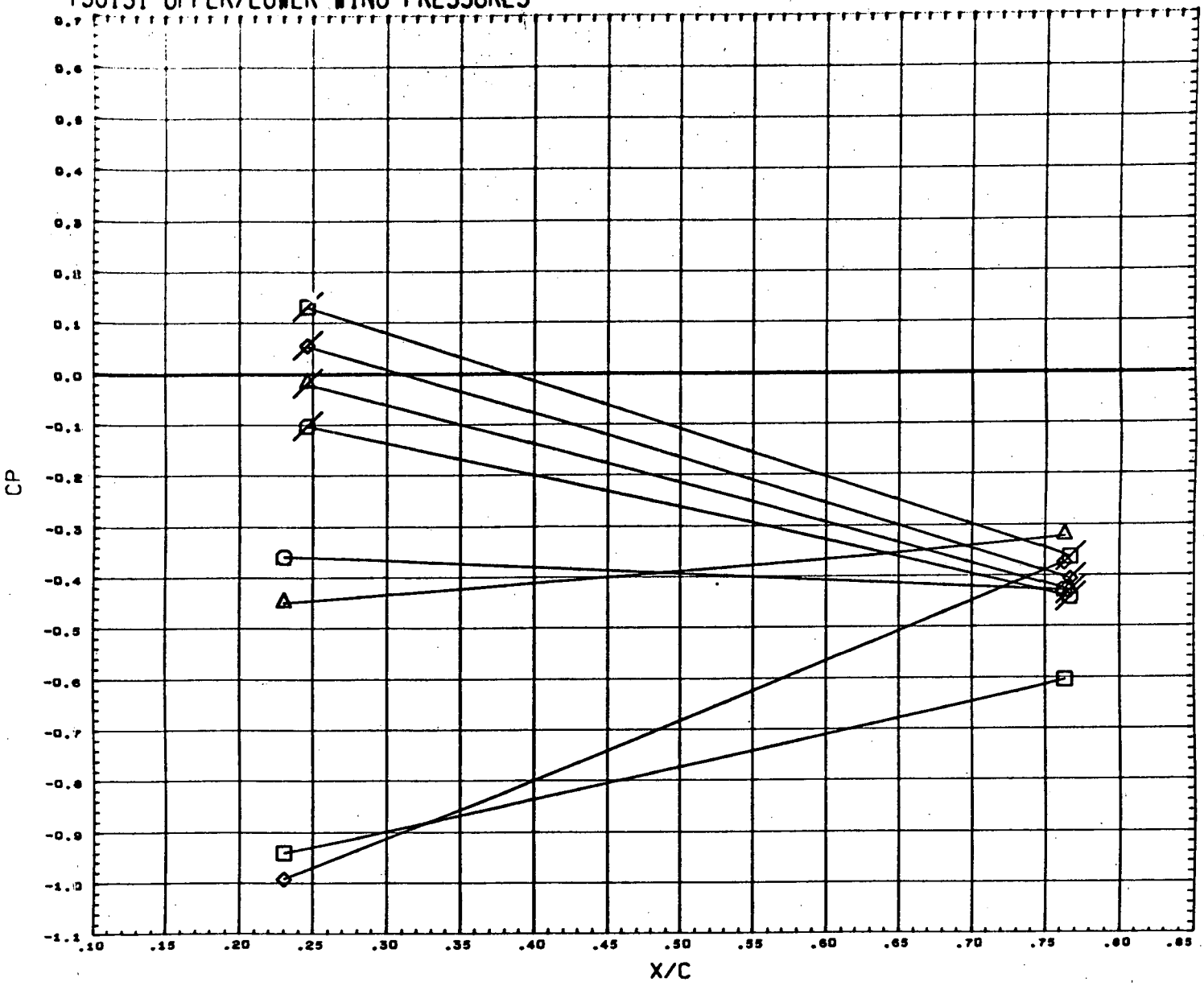
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.897
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



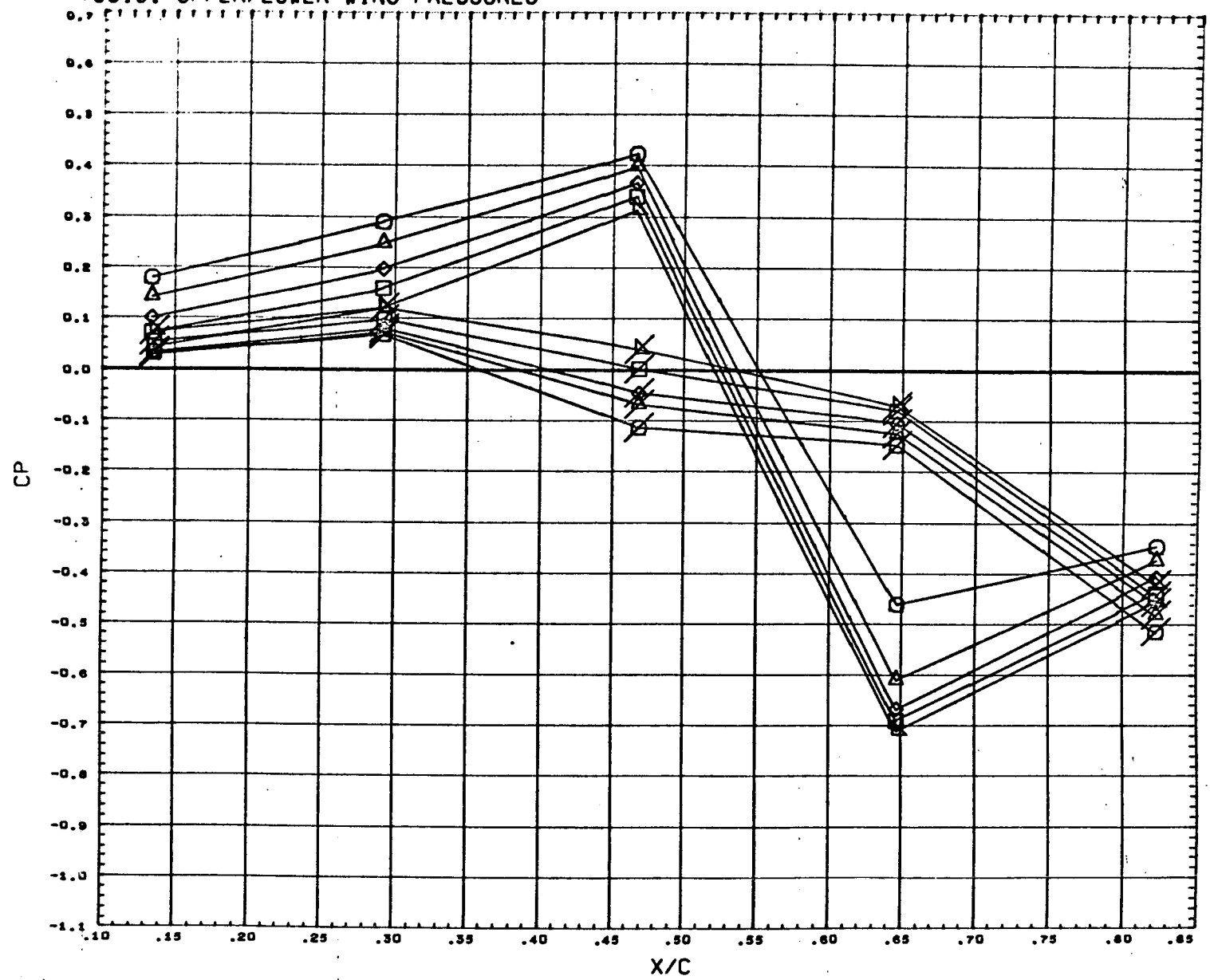
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.897
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



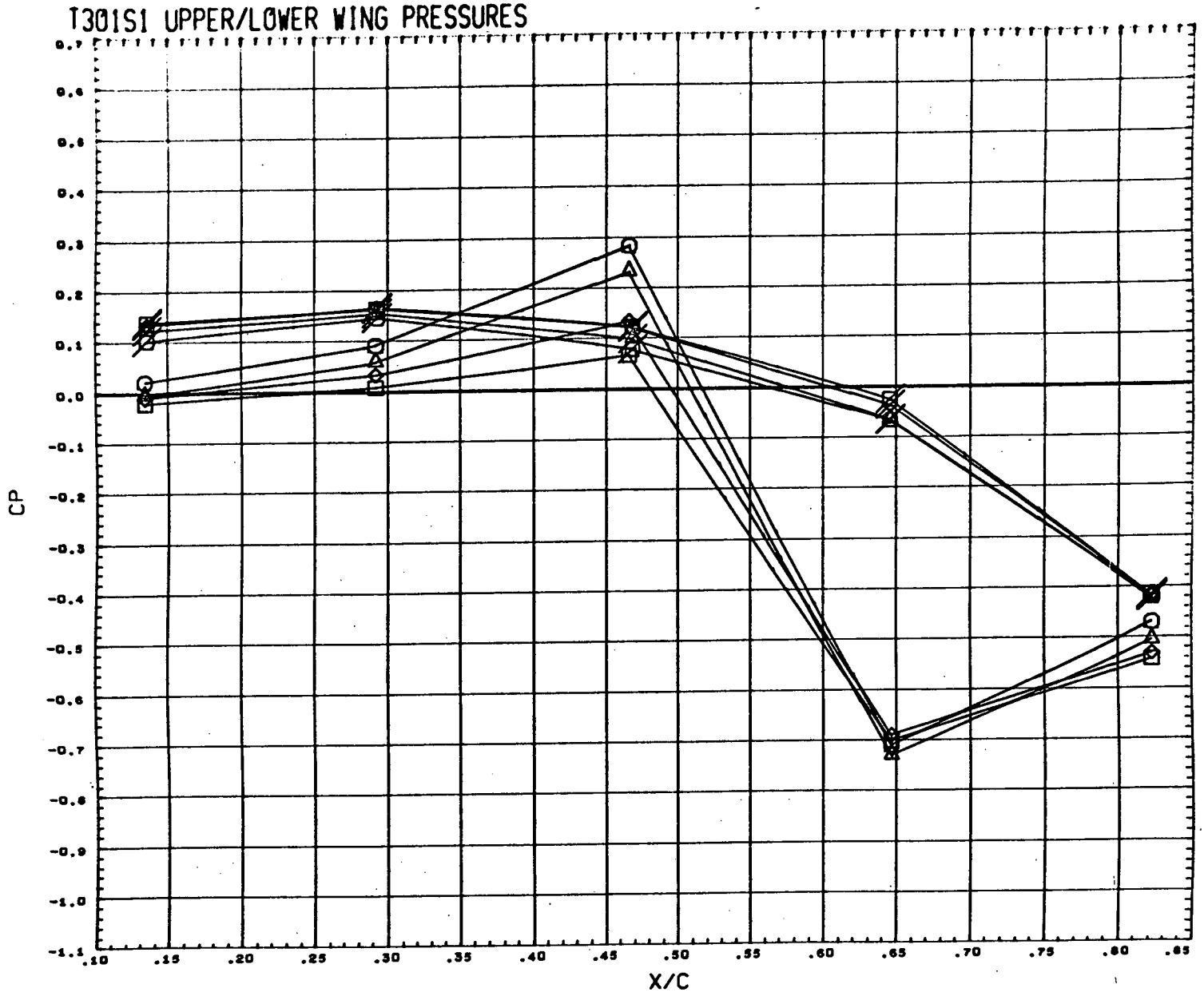
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.003
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



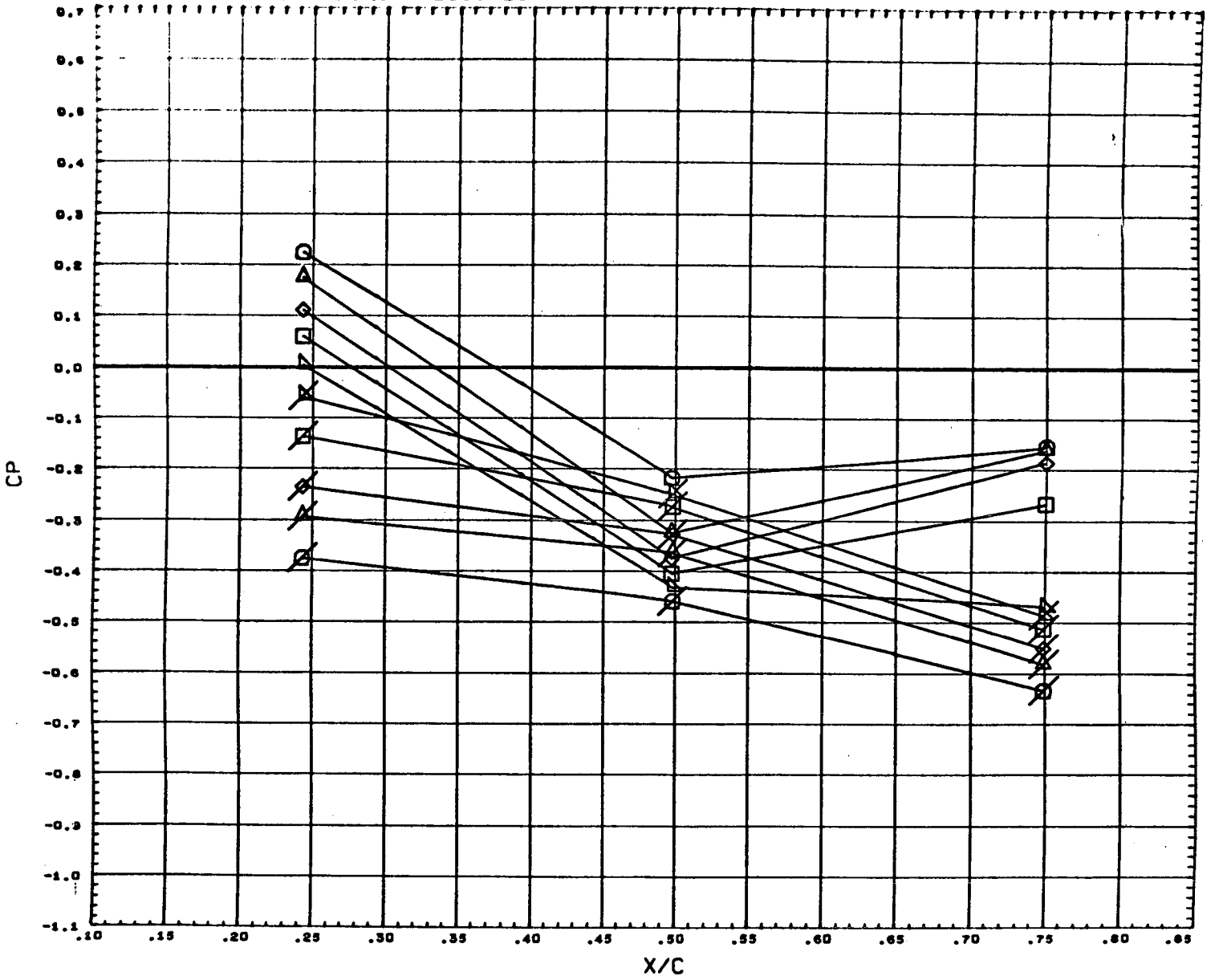
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.003
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



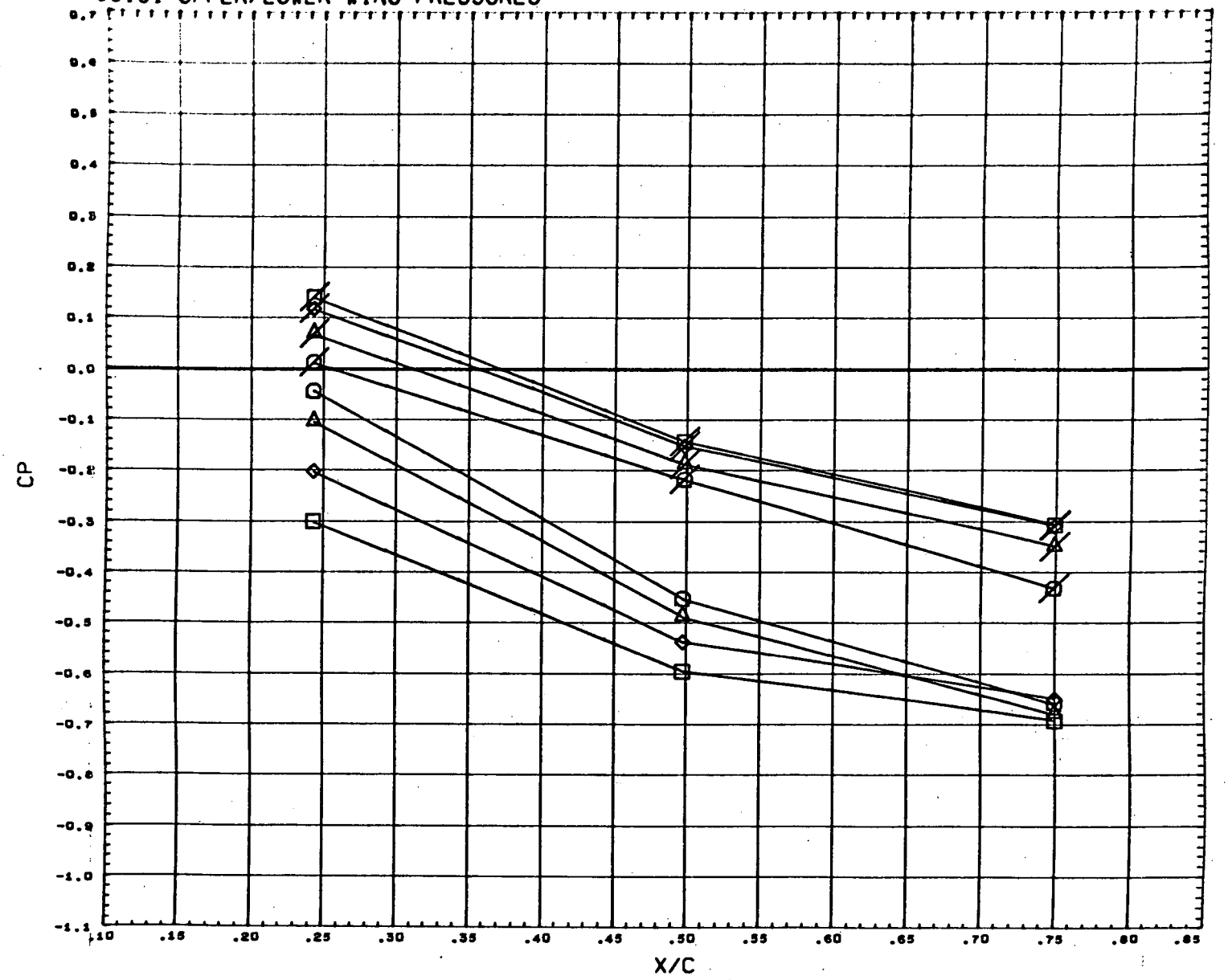
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.003
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



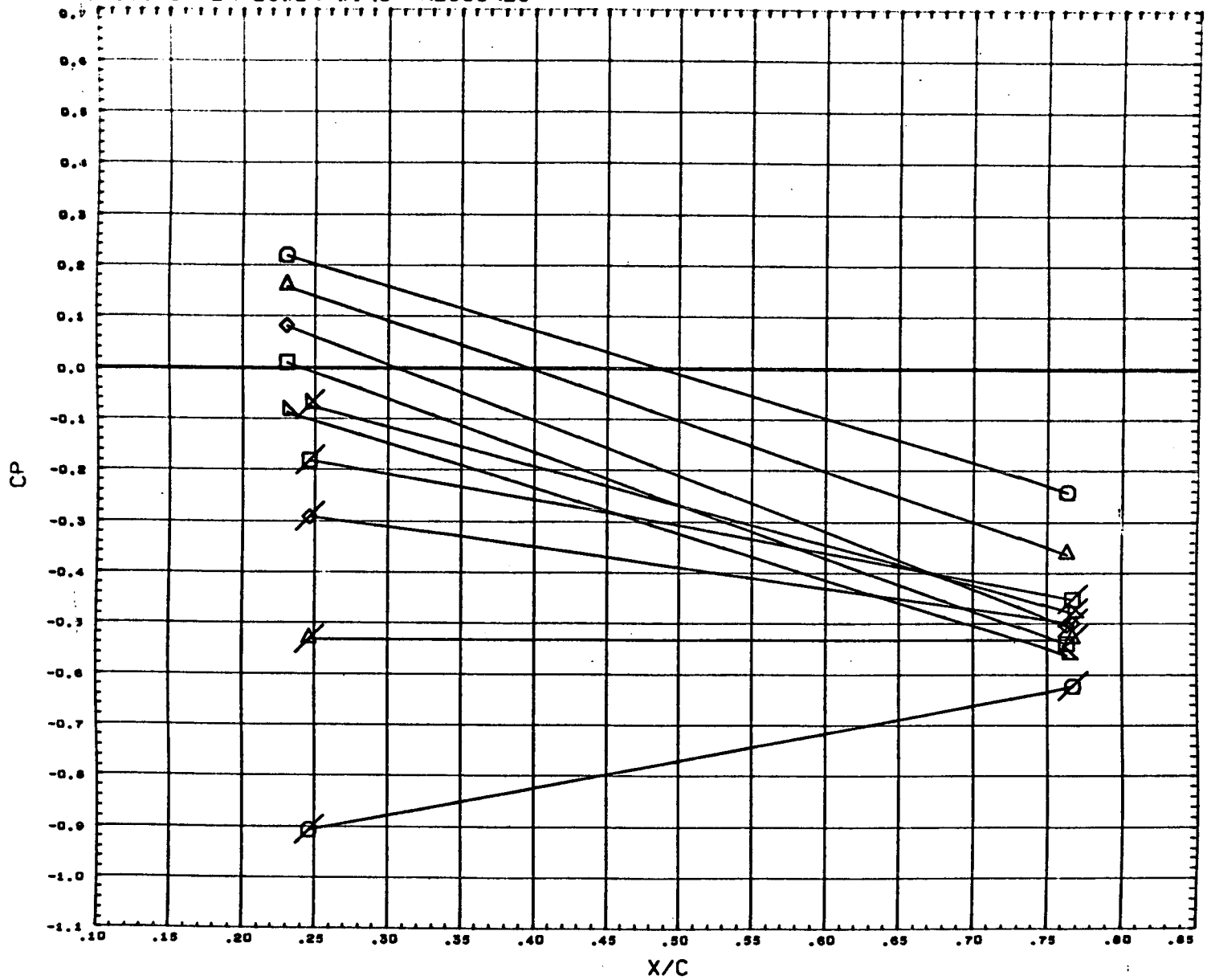
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.003
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



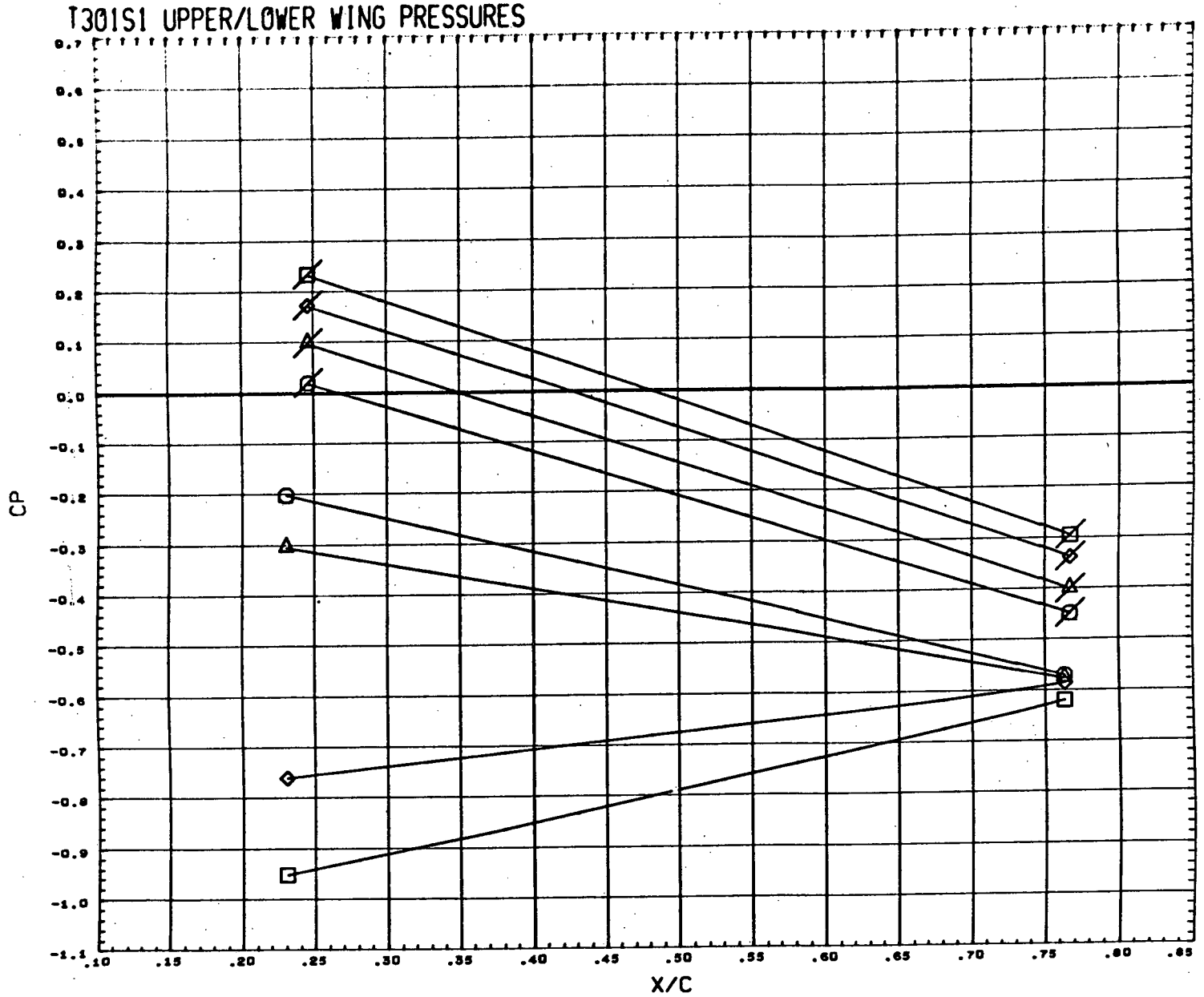
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.003
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.003
△	4.000		
◇	6.000		
□	8.000		

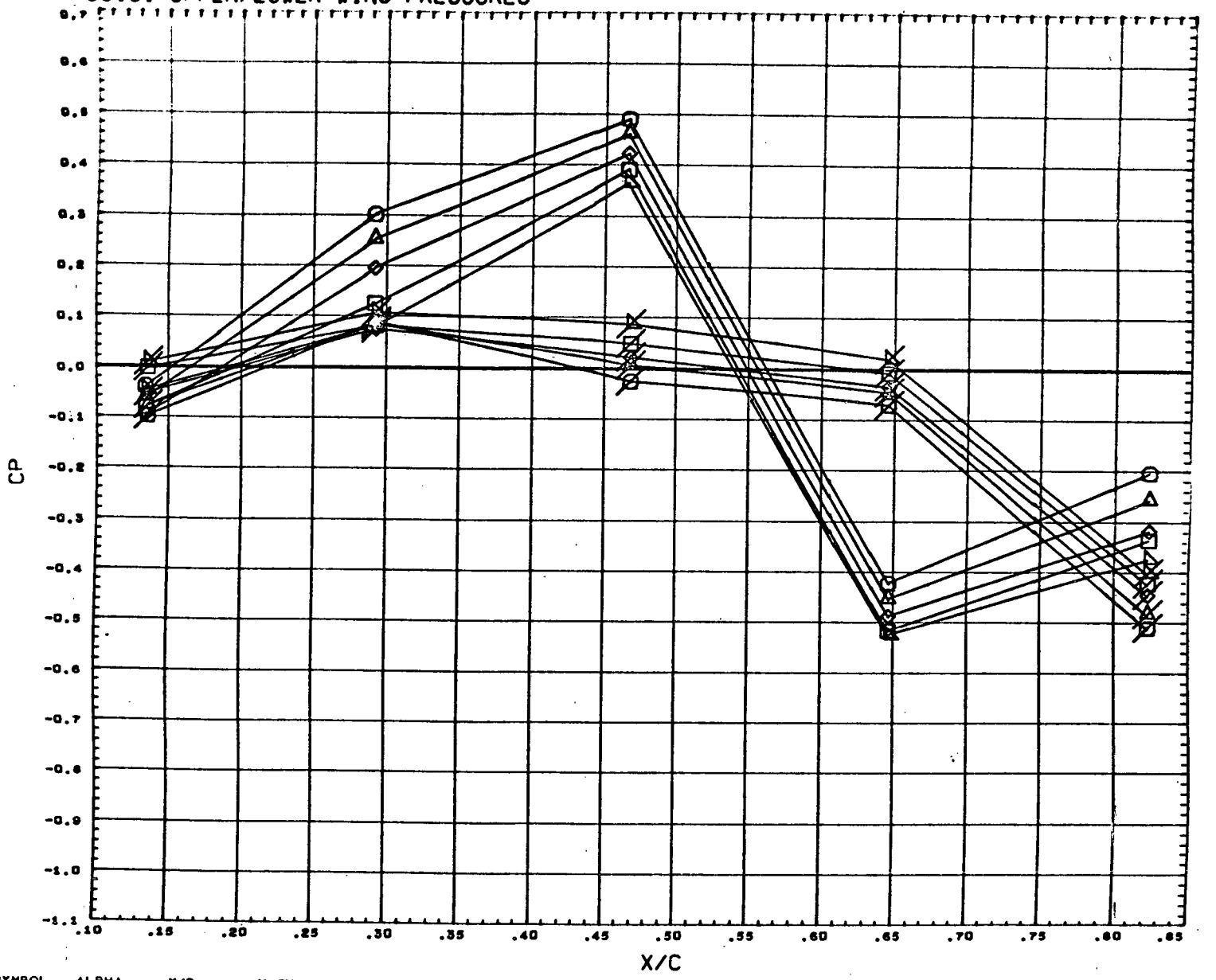
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.107
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

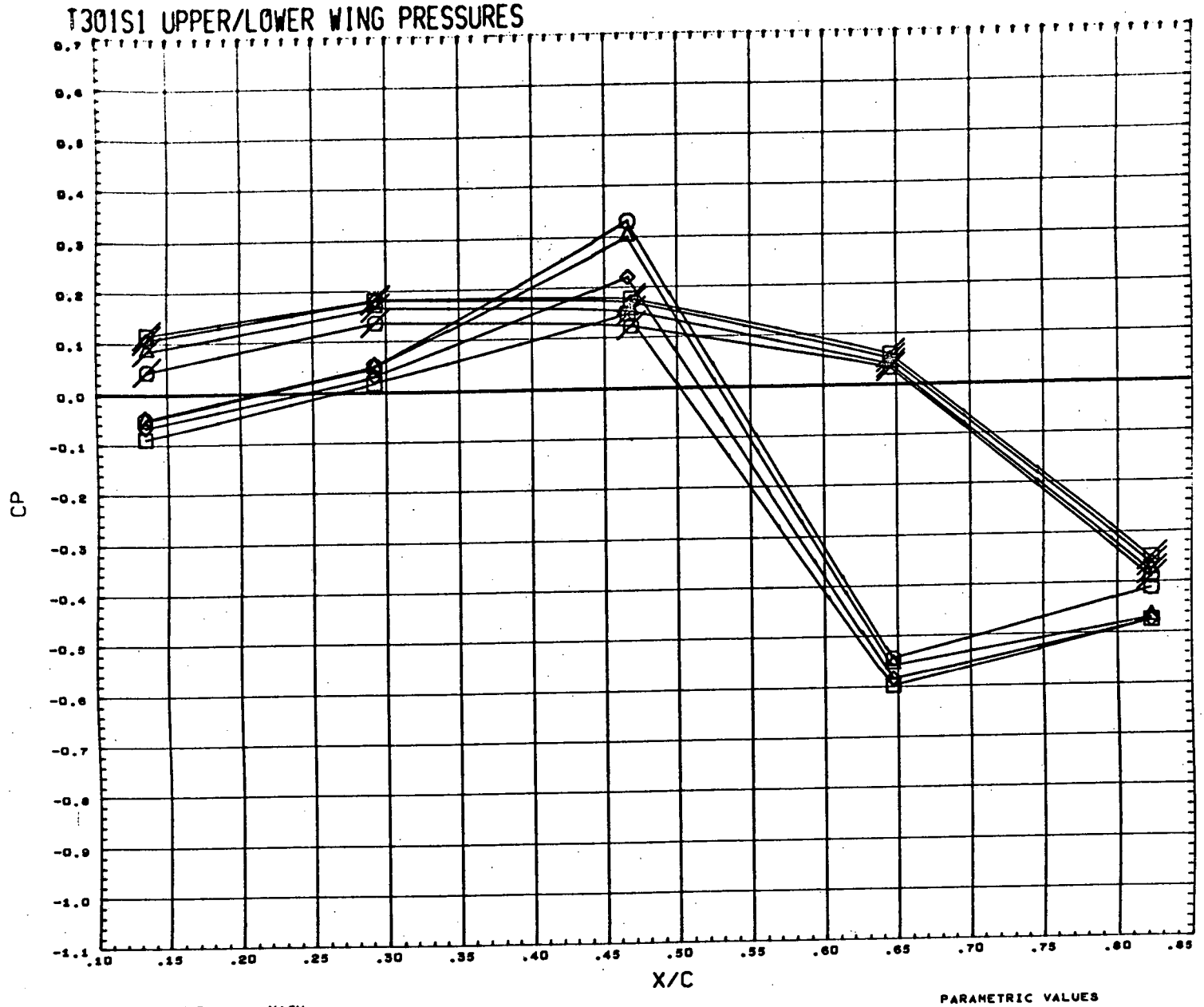
PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

G

T301S1 UPPER/LOWER WING PRESSURES



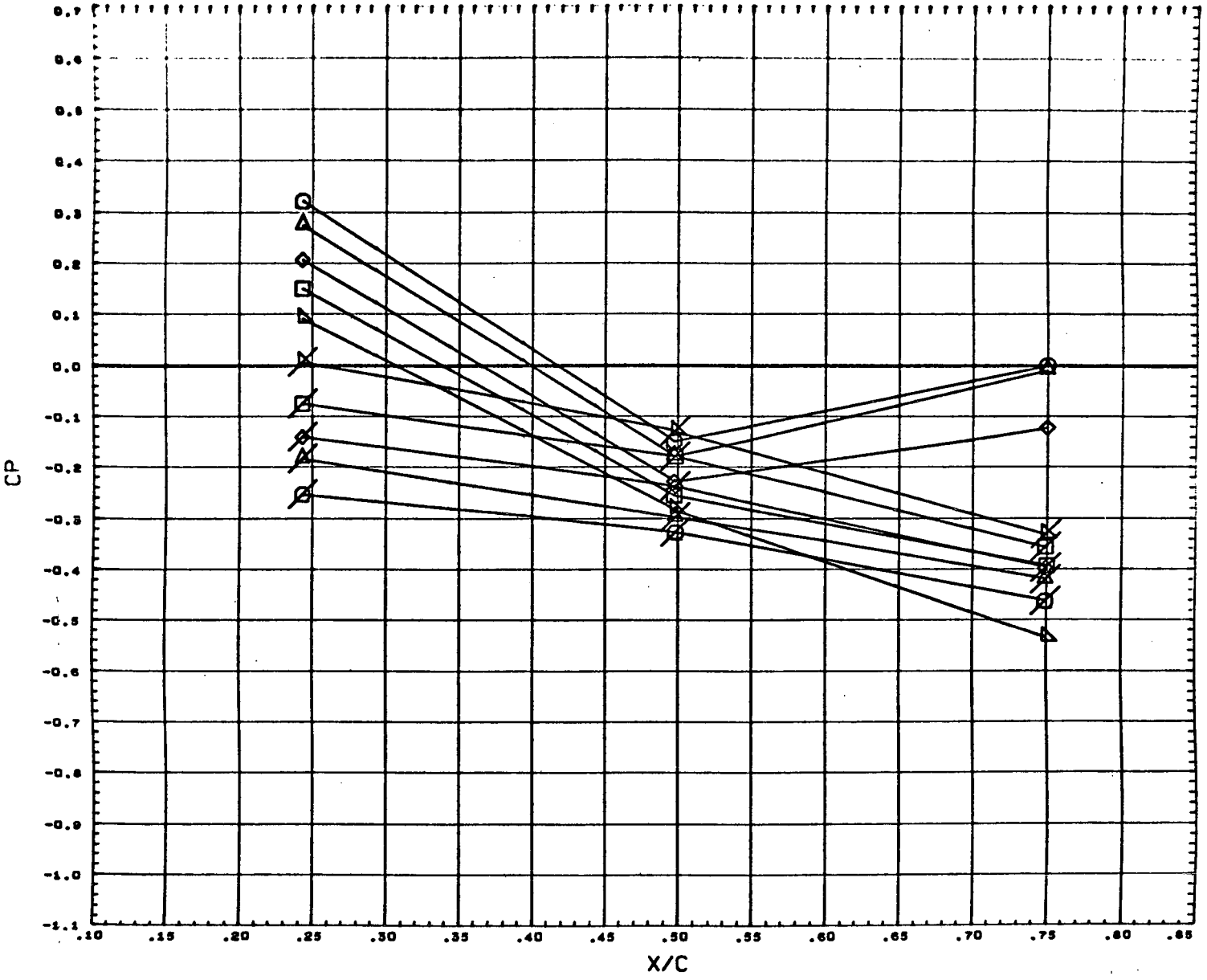
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.107
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



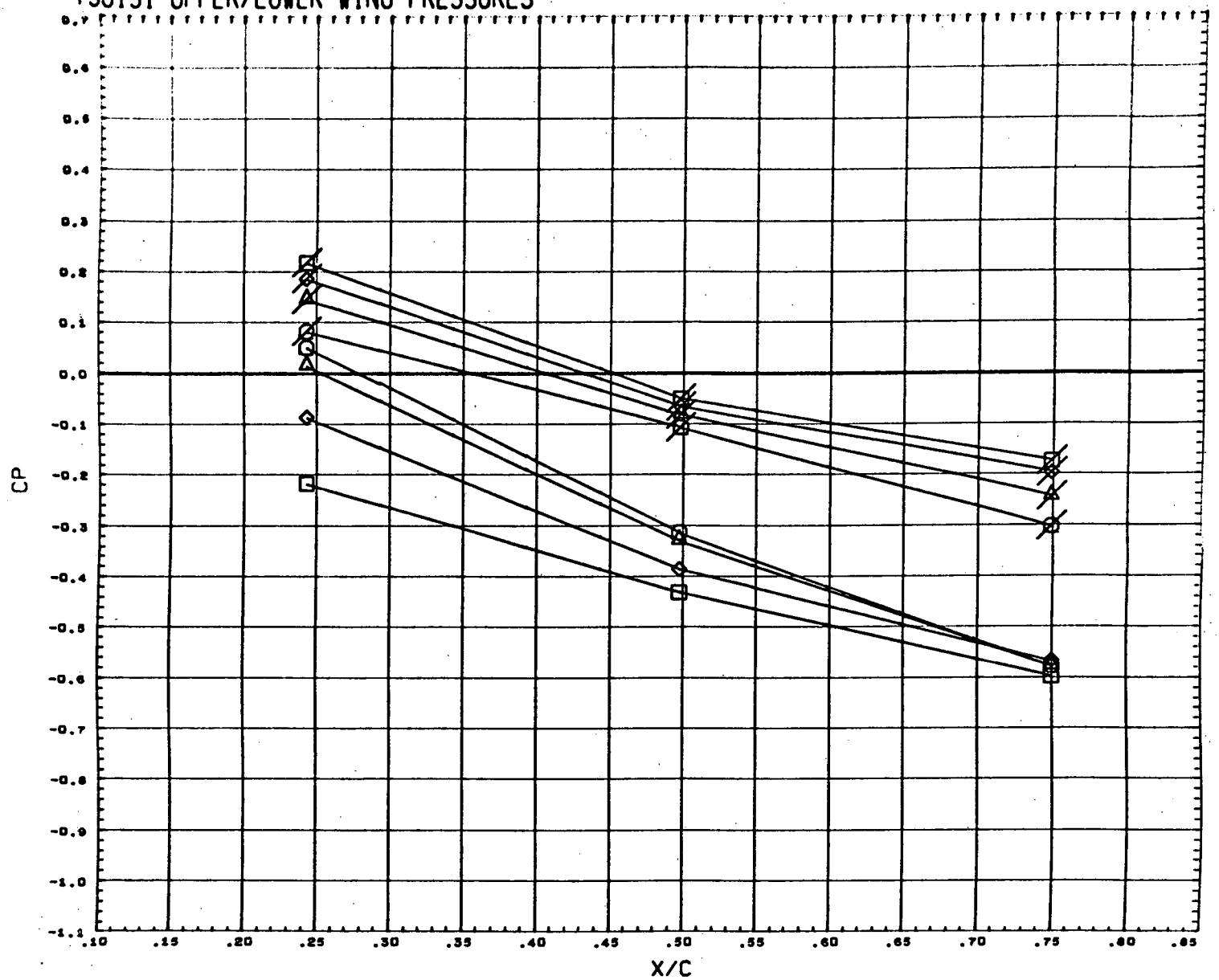
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.107
△	6.000		
◇	4.000		
□	2.000		
▷	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



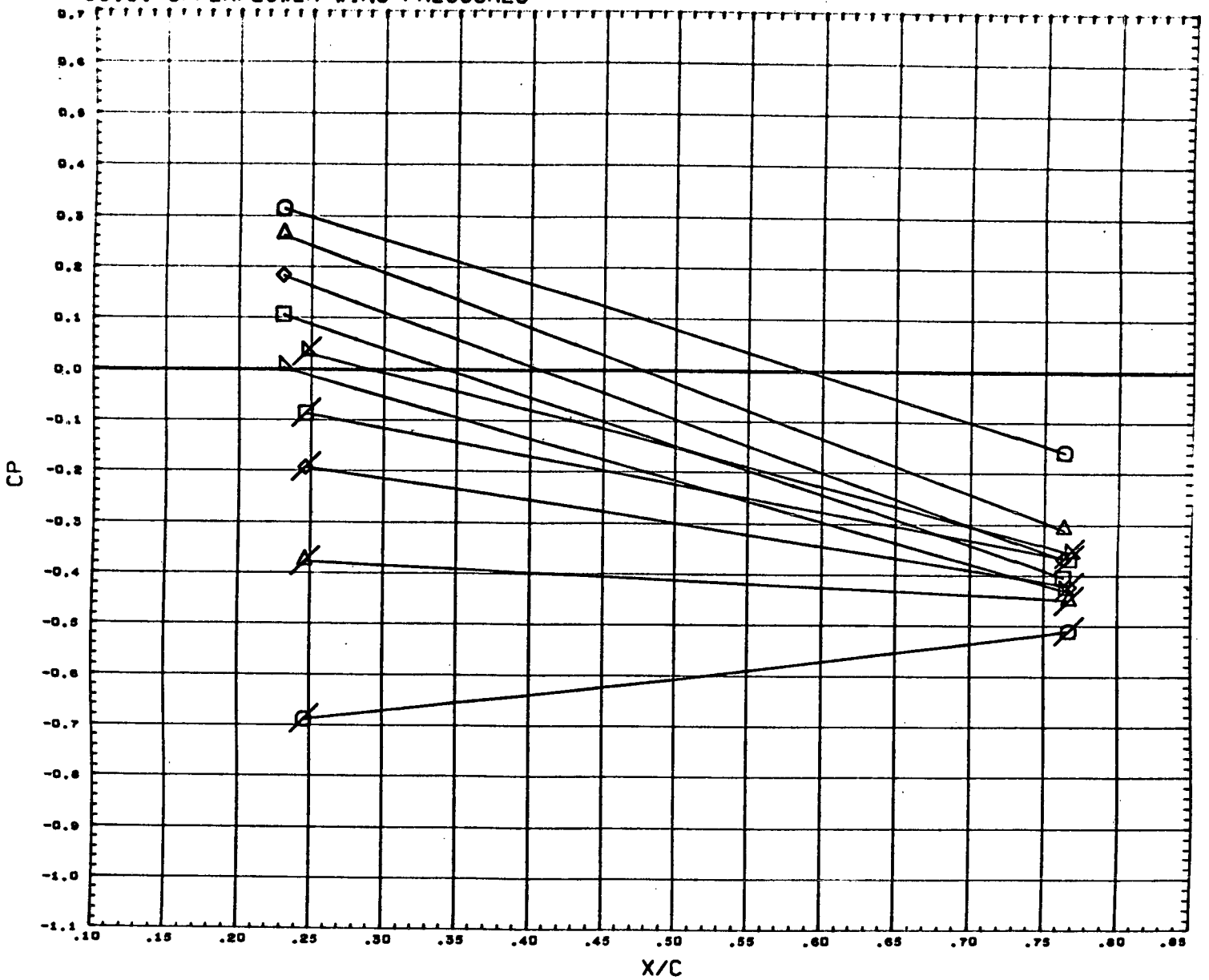
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.107
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



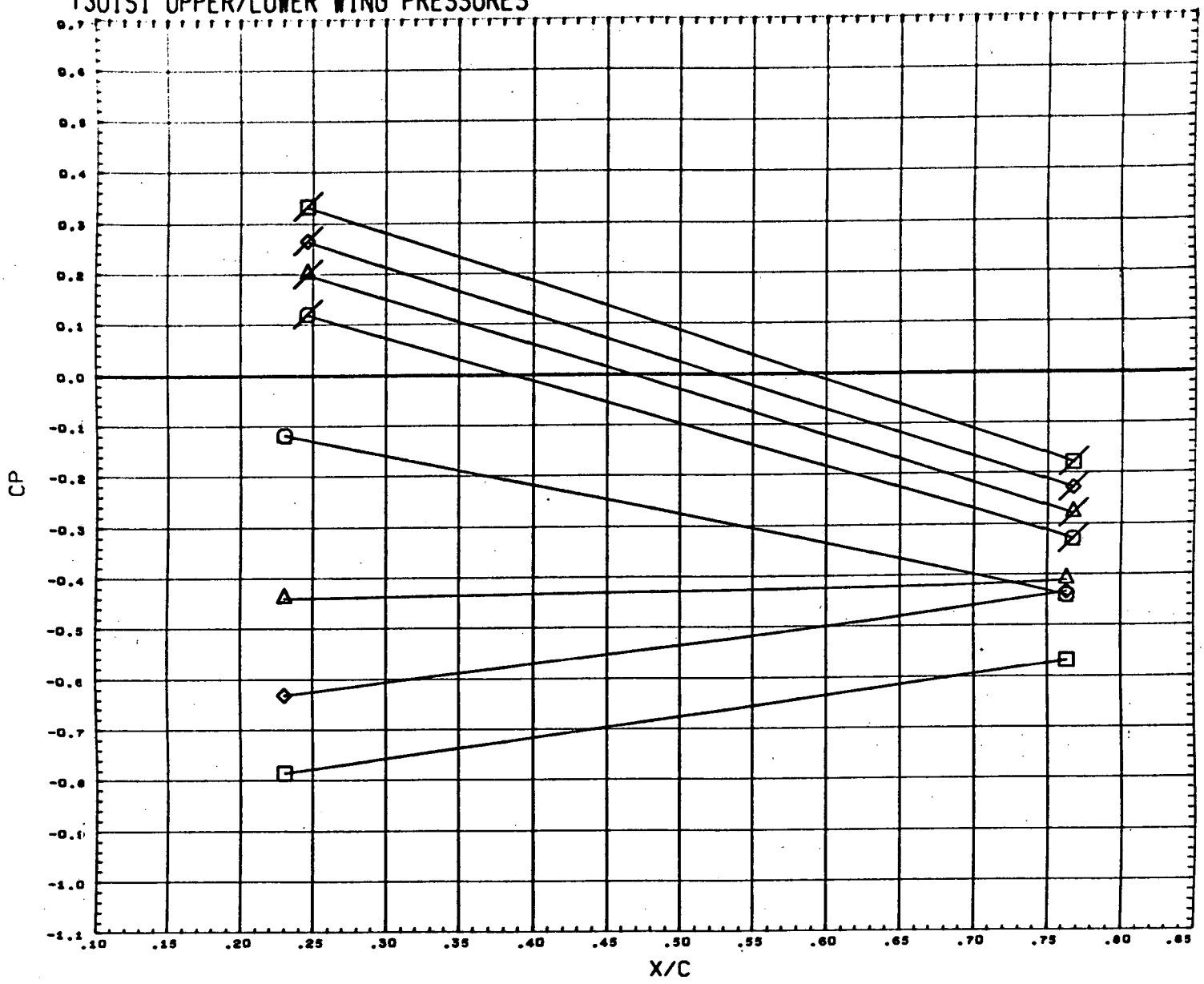
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.107
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



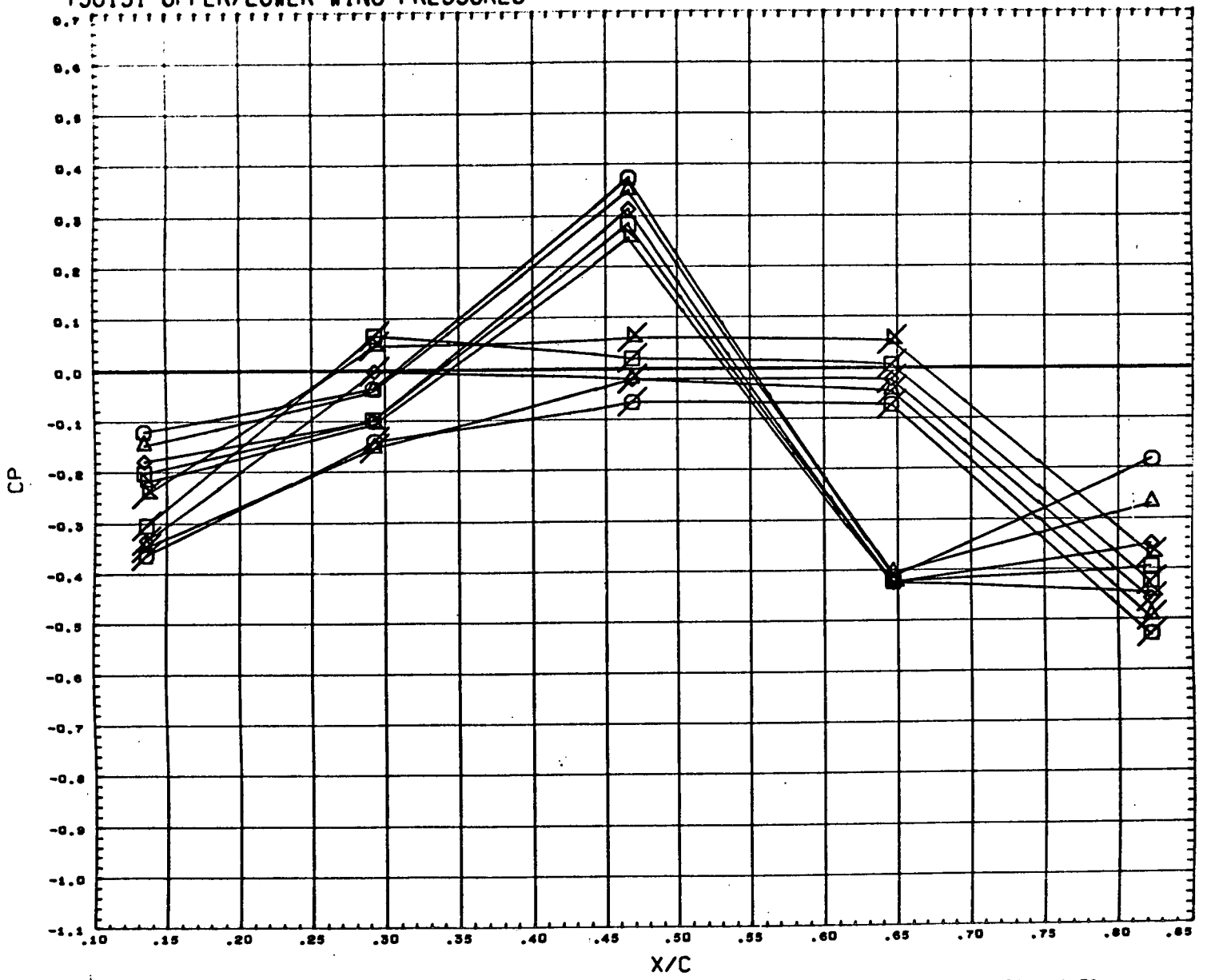
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.107
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



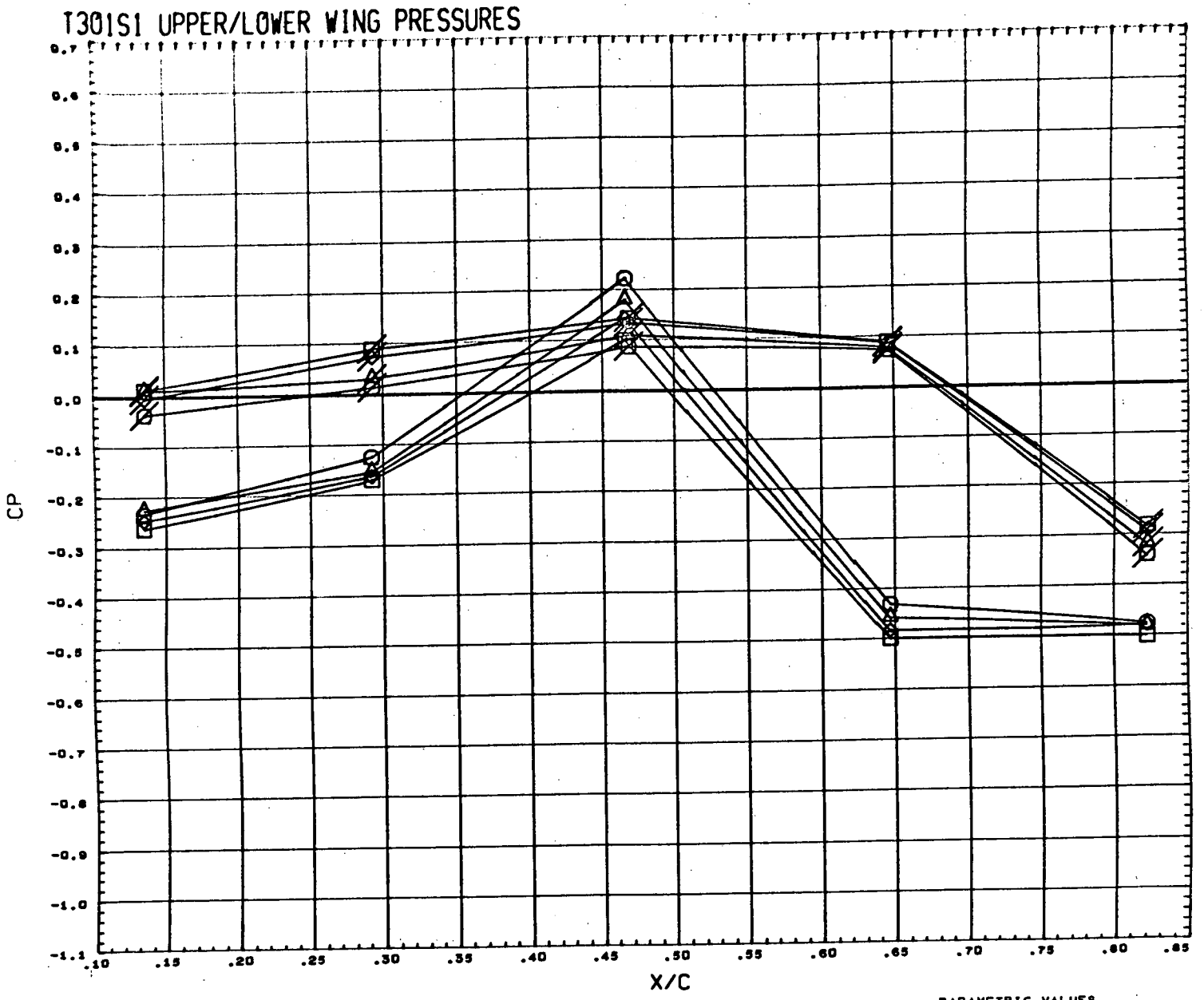
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.203
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



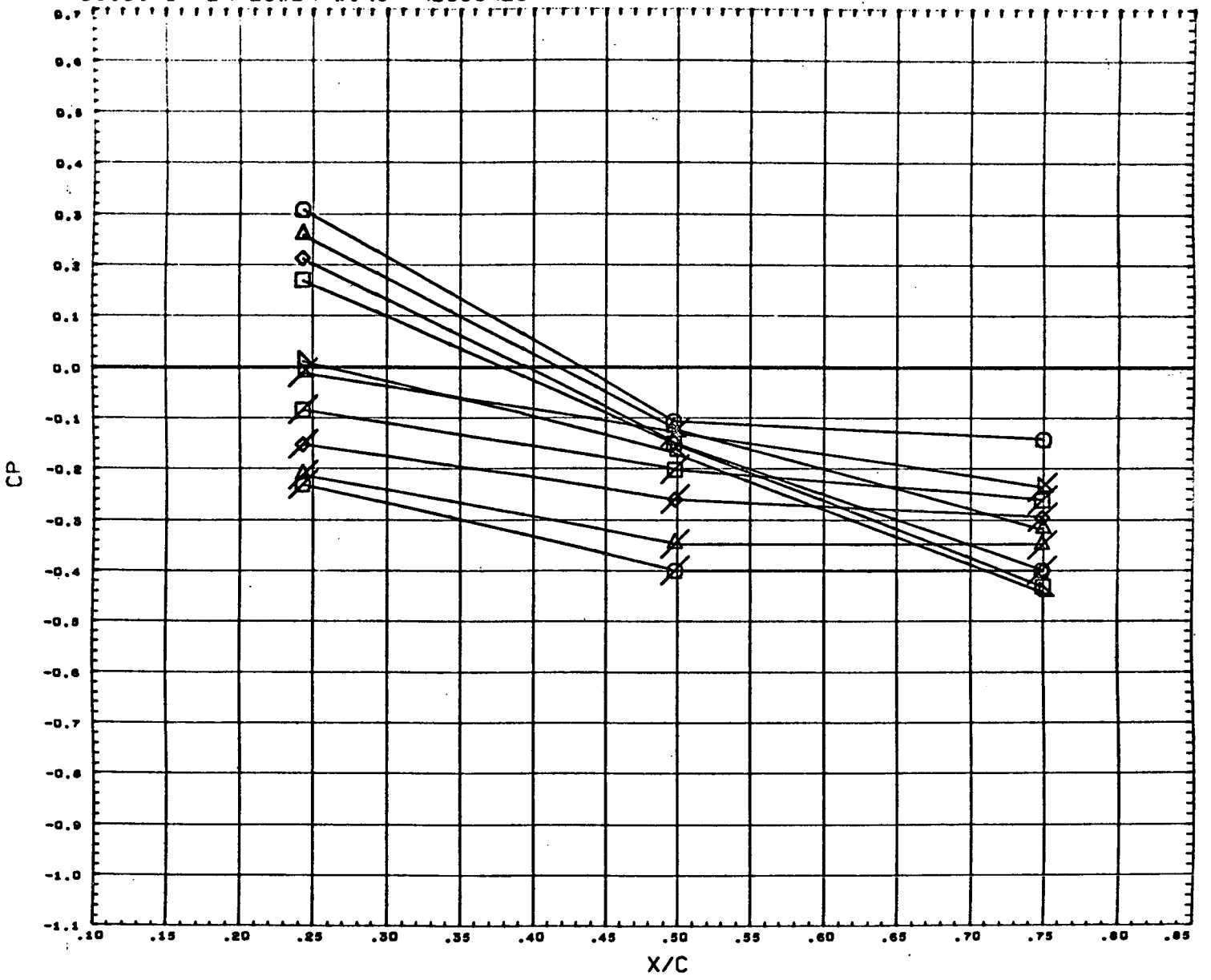
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.203
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



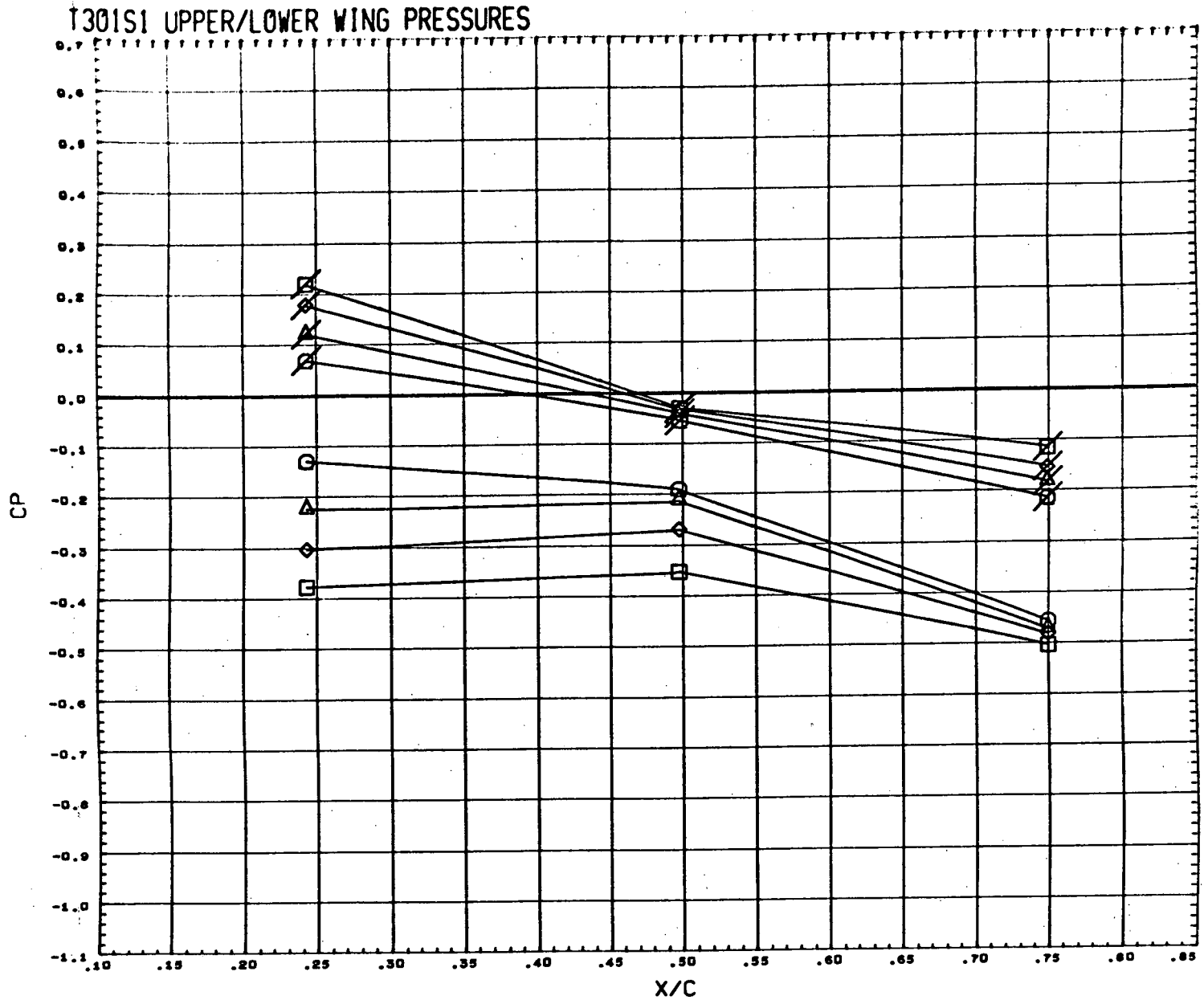
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.203
△	6.000		
◇	4.000		
□	2.000		
◹	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



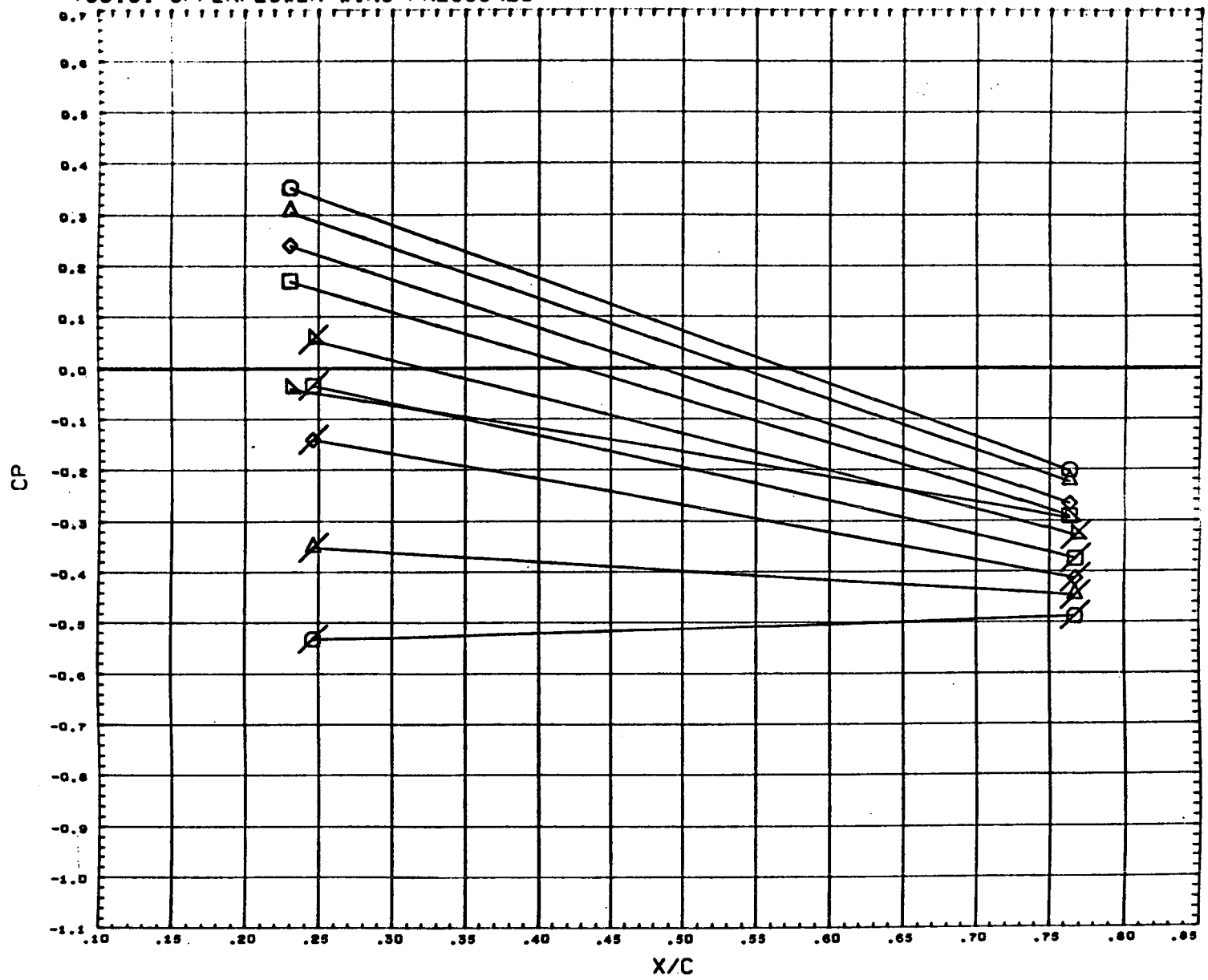
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.203
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



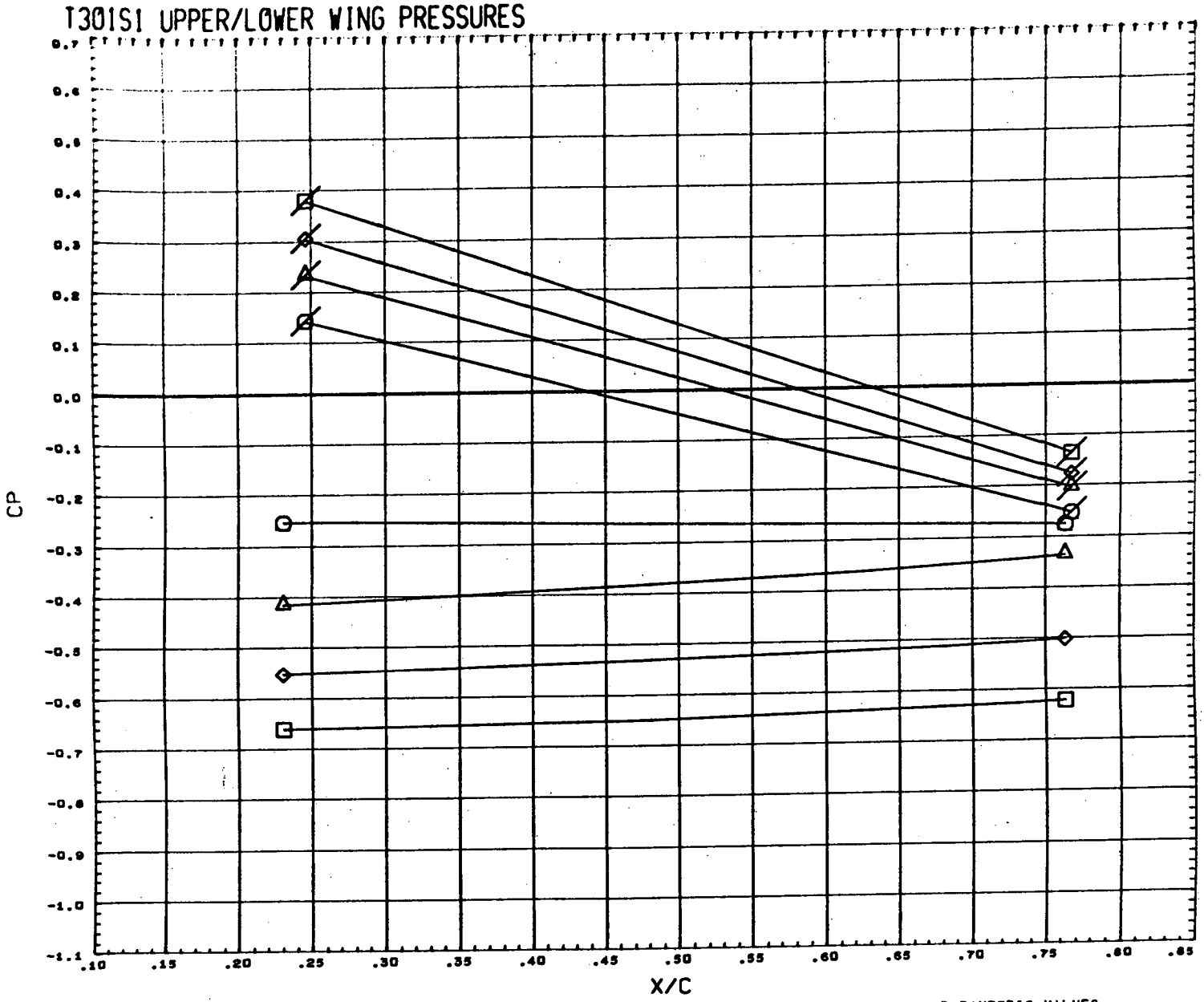
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.203
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.203
△	4.000		
◇	6.000		
□	8.000		

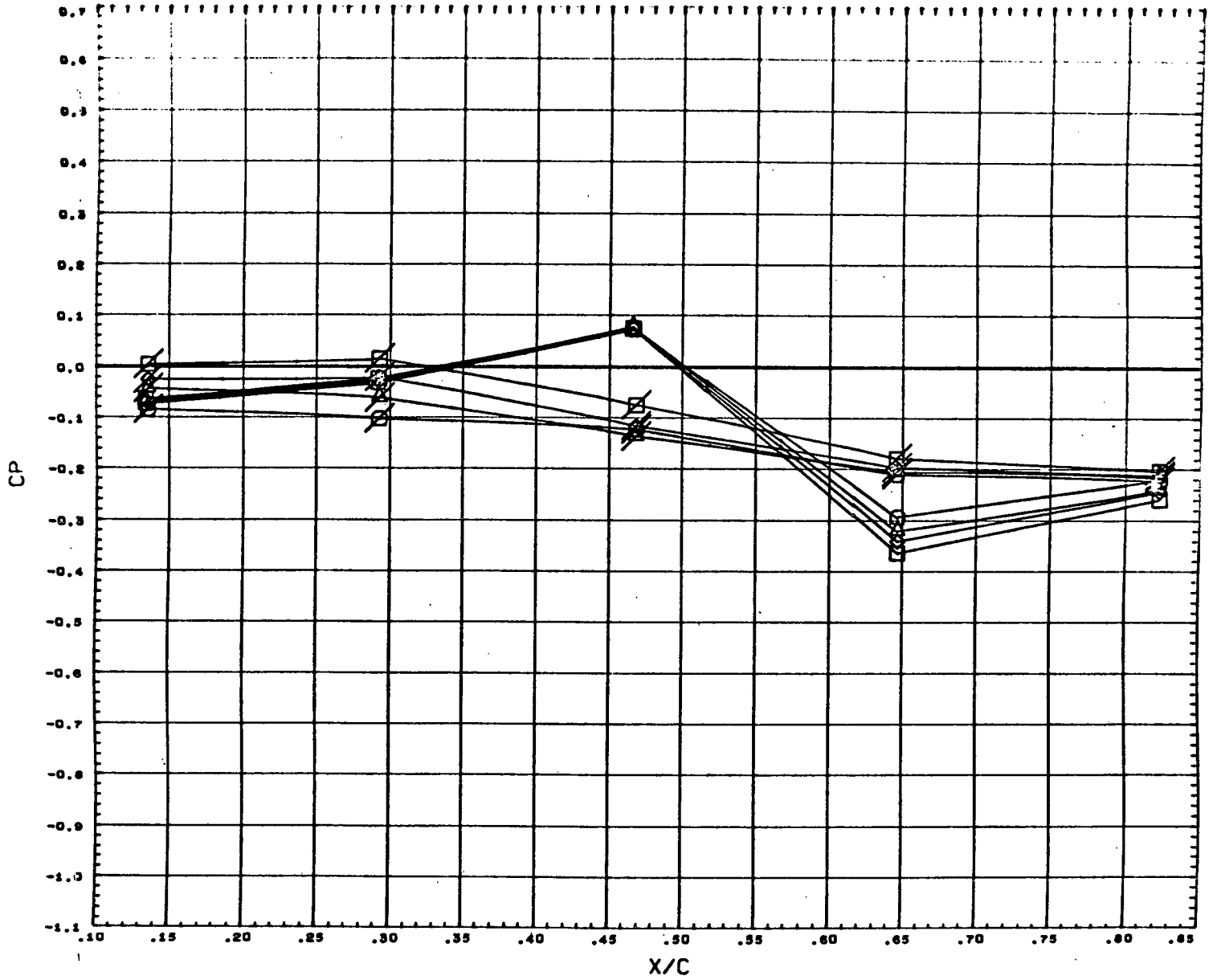
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73013)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73013)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



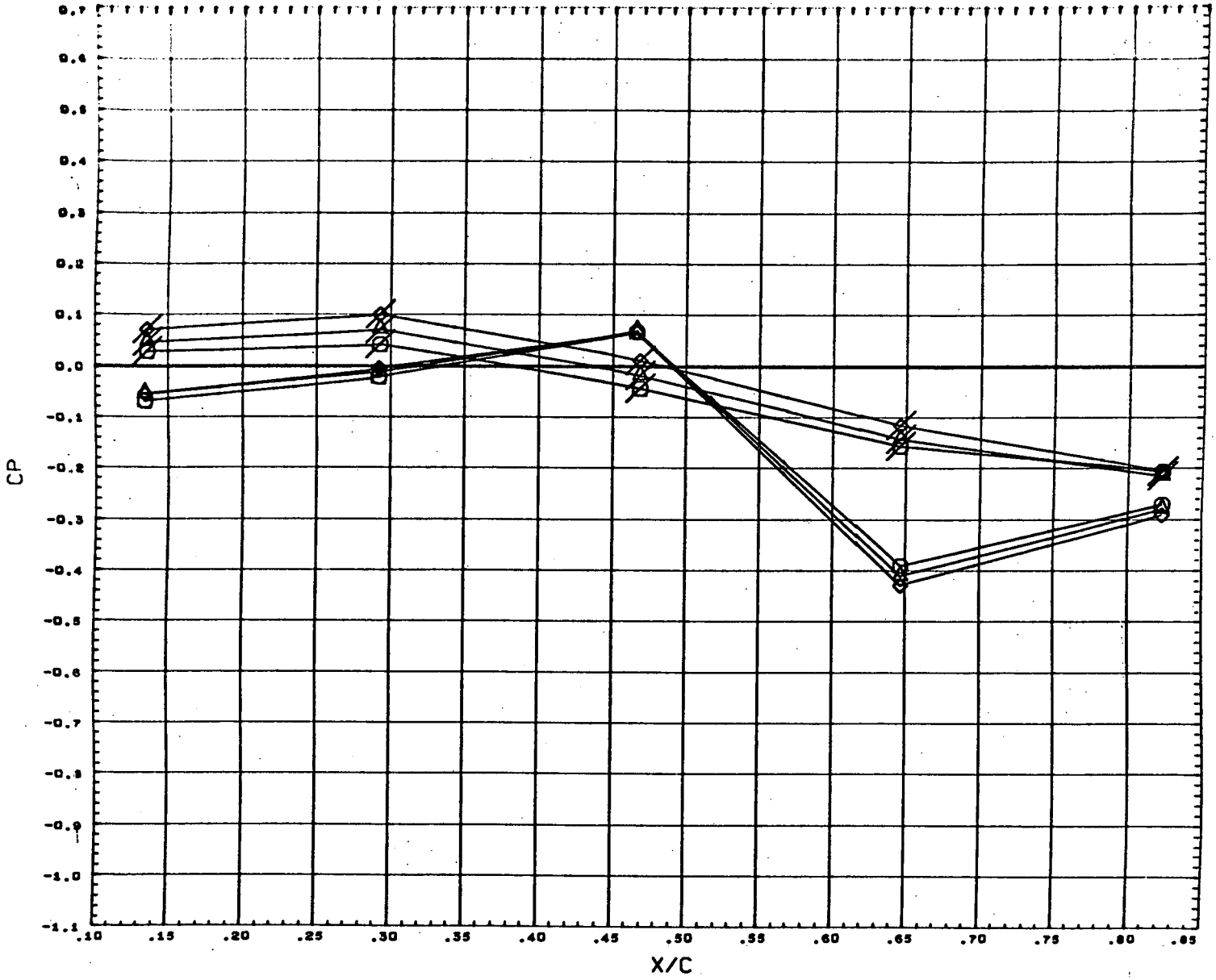
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	0.596
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



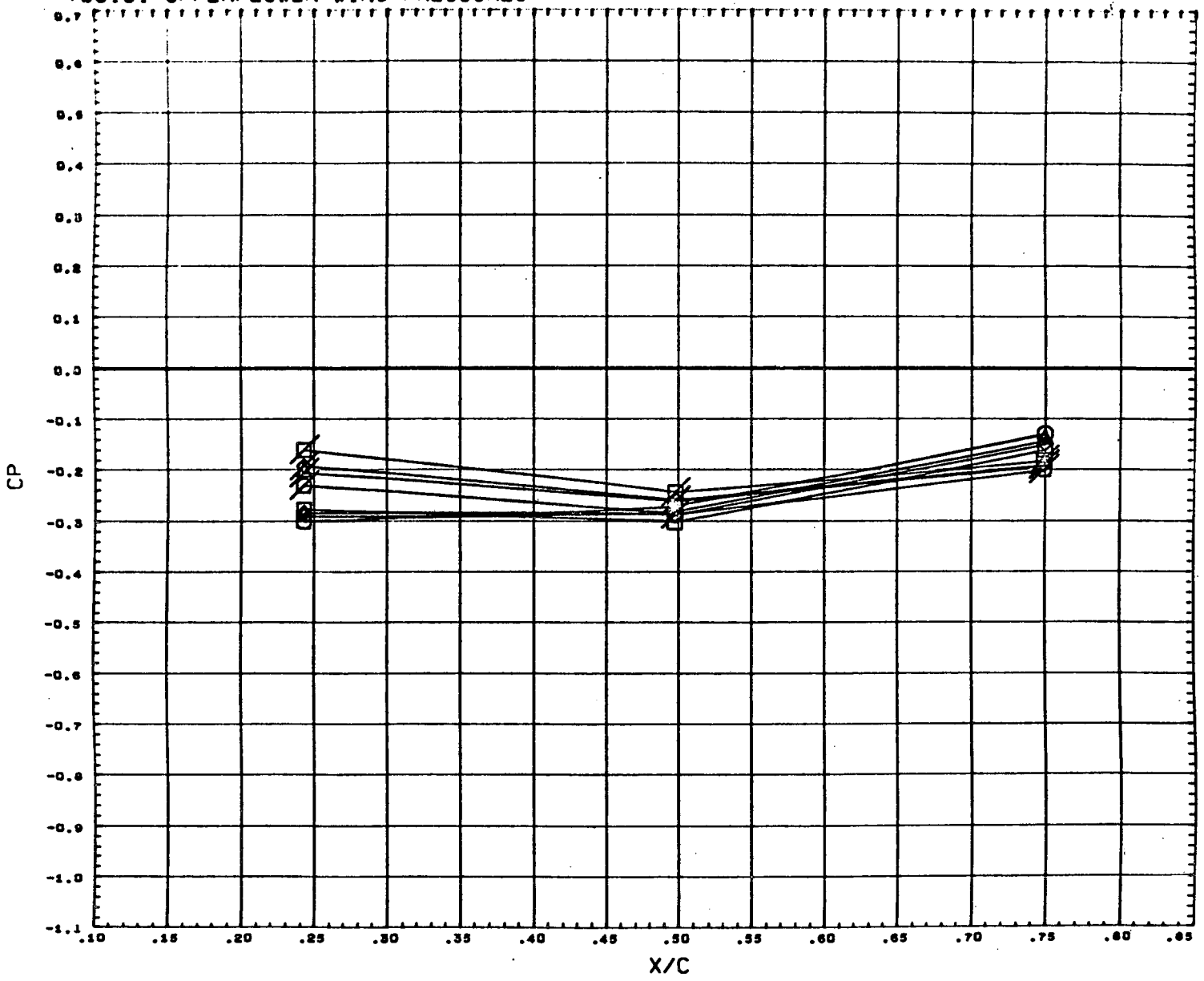
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.596
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.596
△	- 4.000		
◇	- 2.000		
□	0.000		

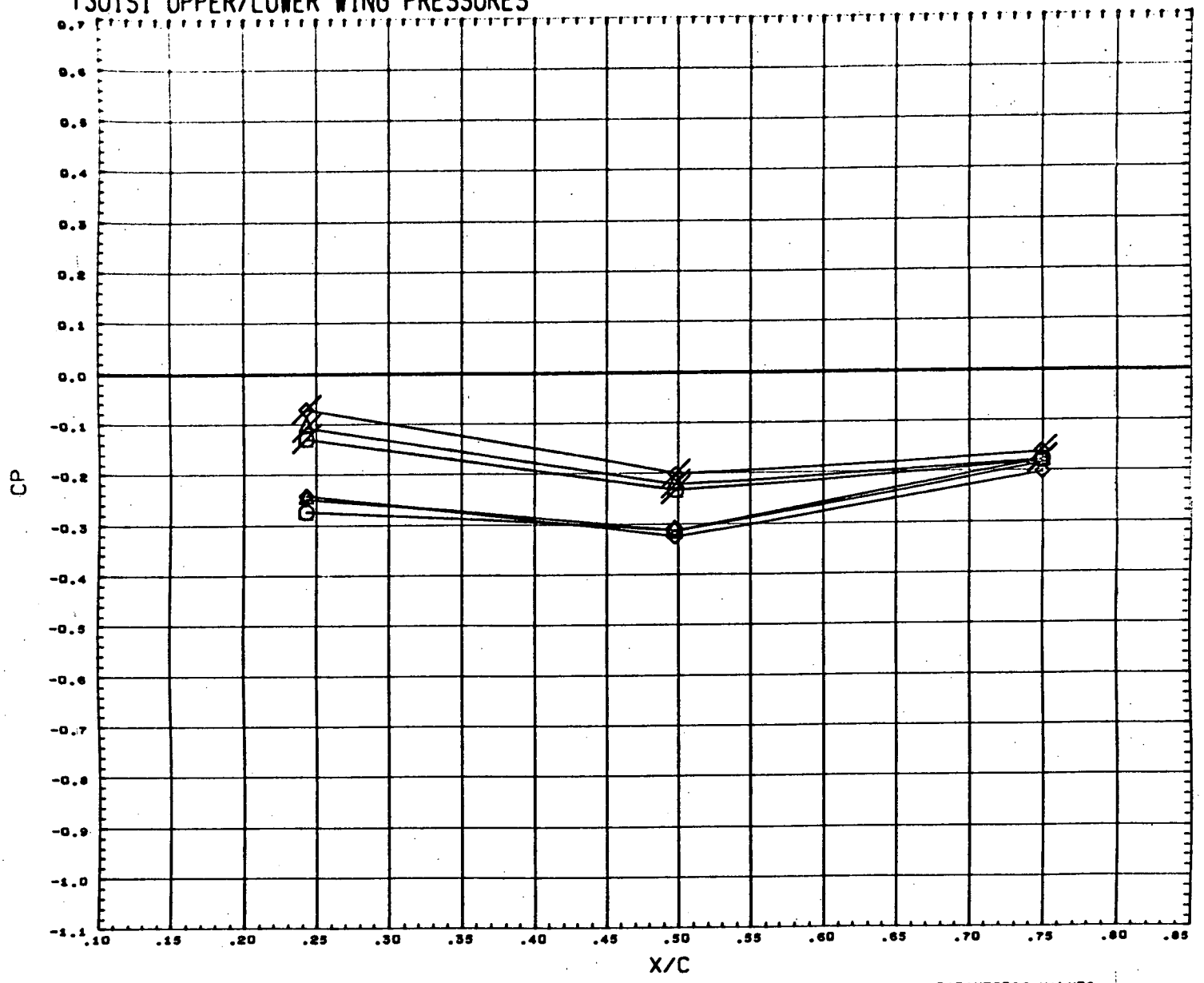
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

C1

T301S1 UPPER/LOWER WING PRESSURES



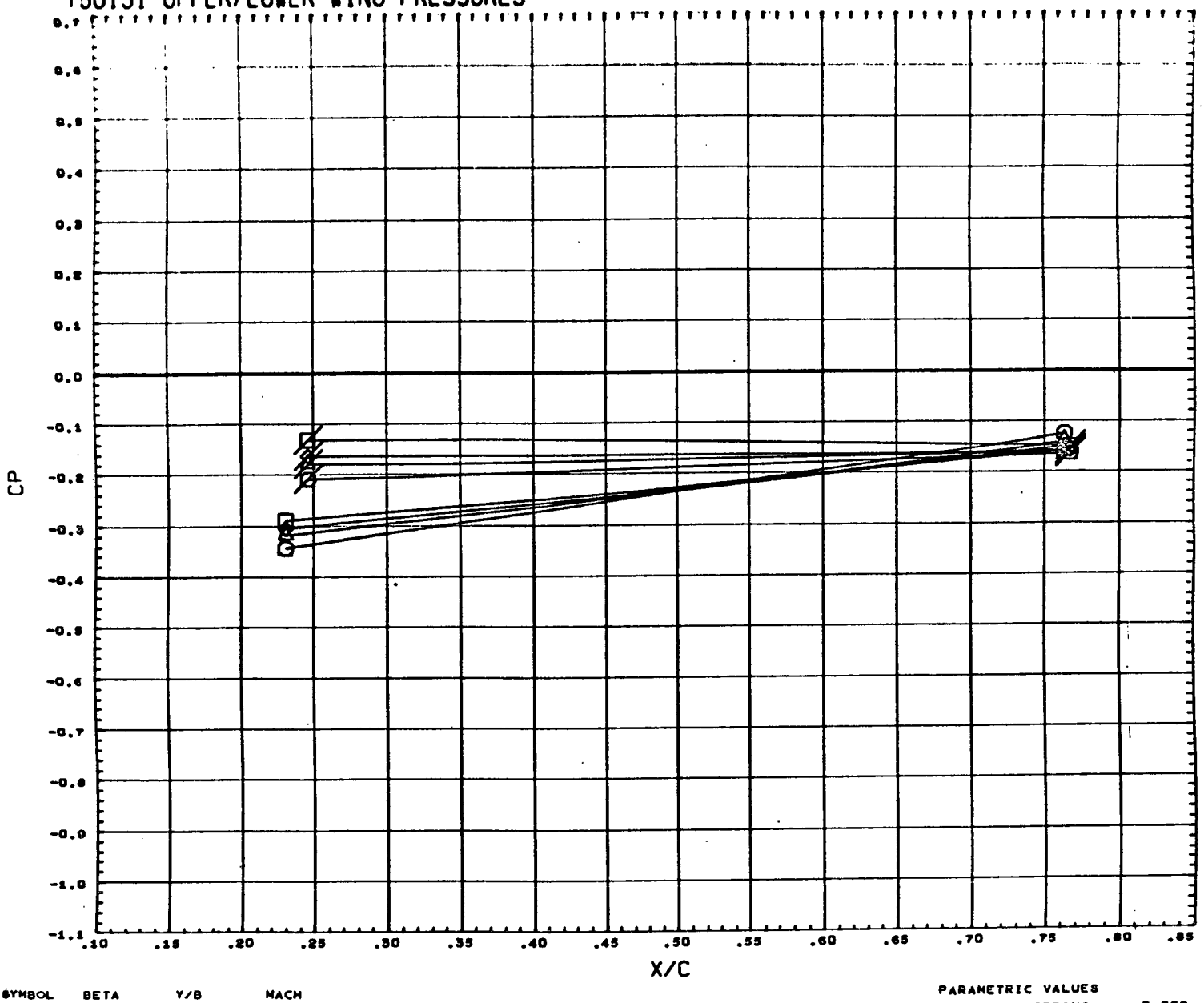
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.596
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



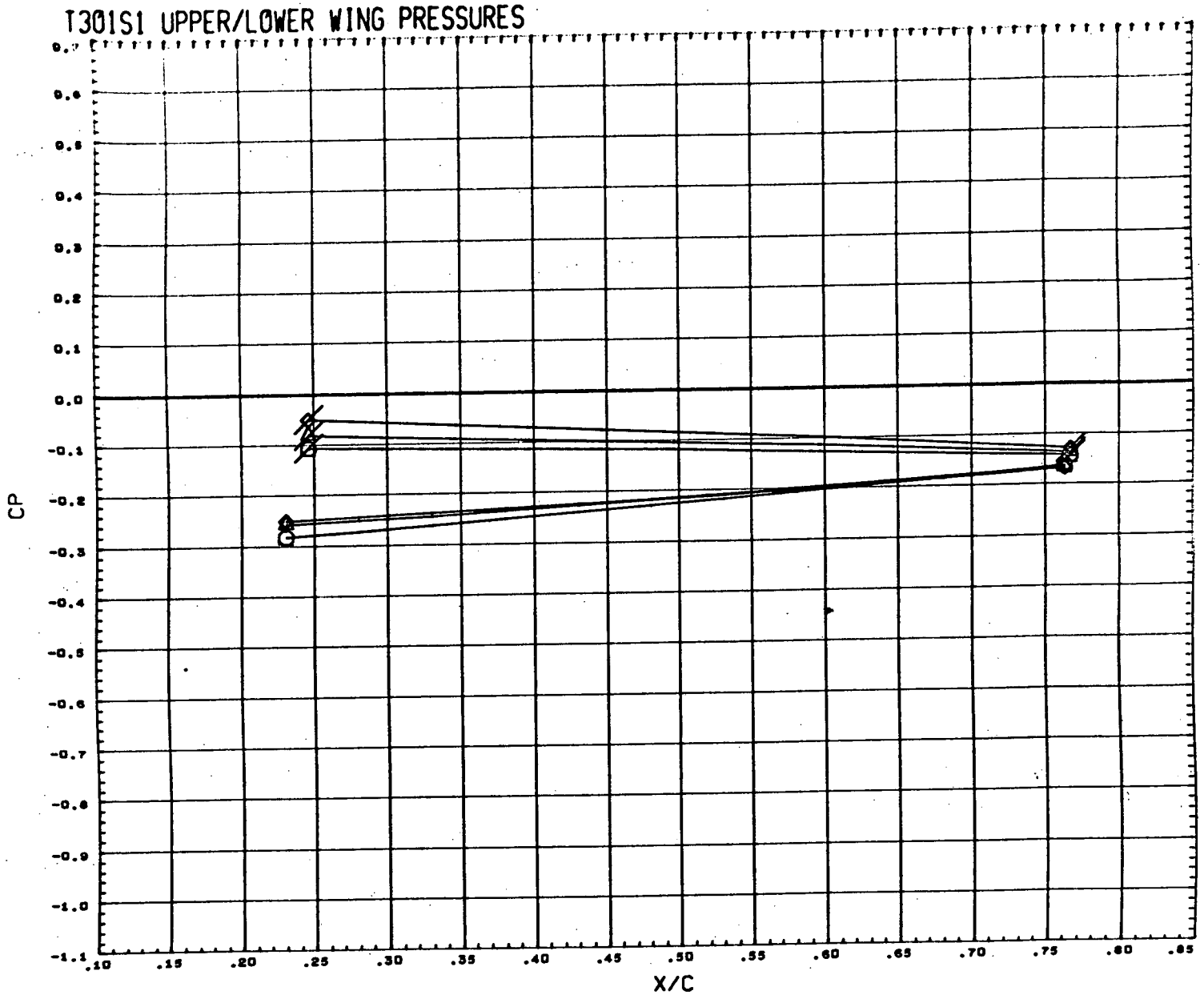
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	0.596
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



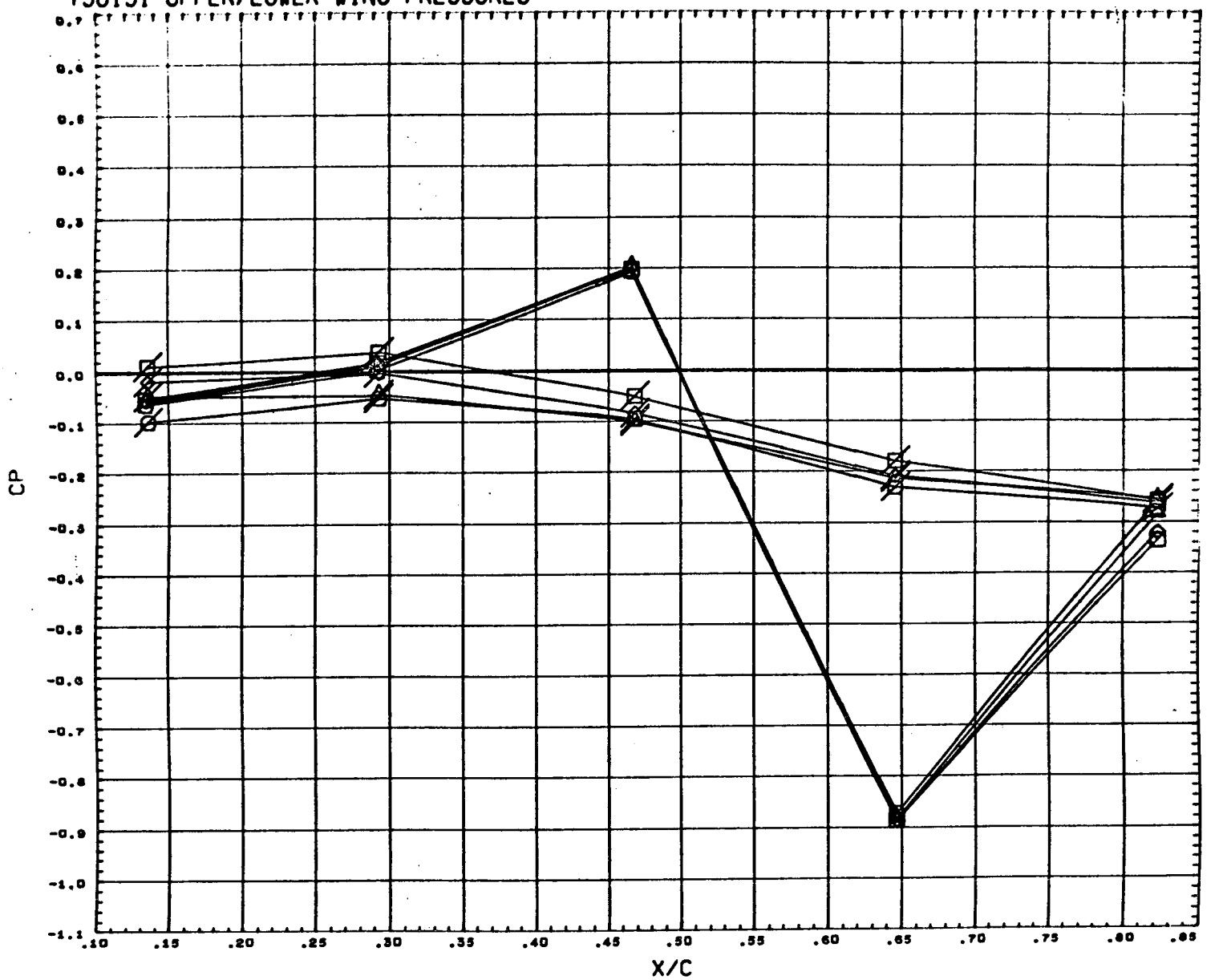
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	0.596
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



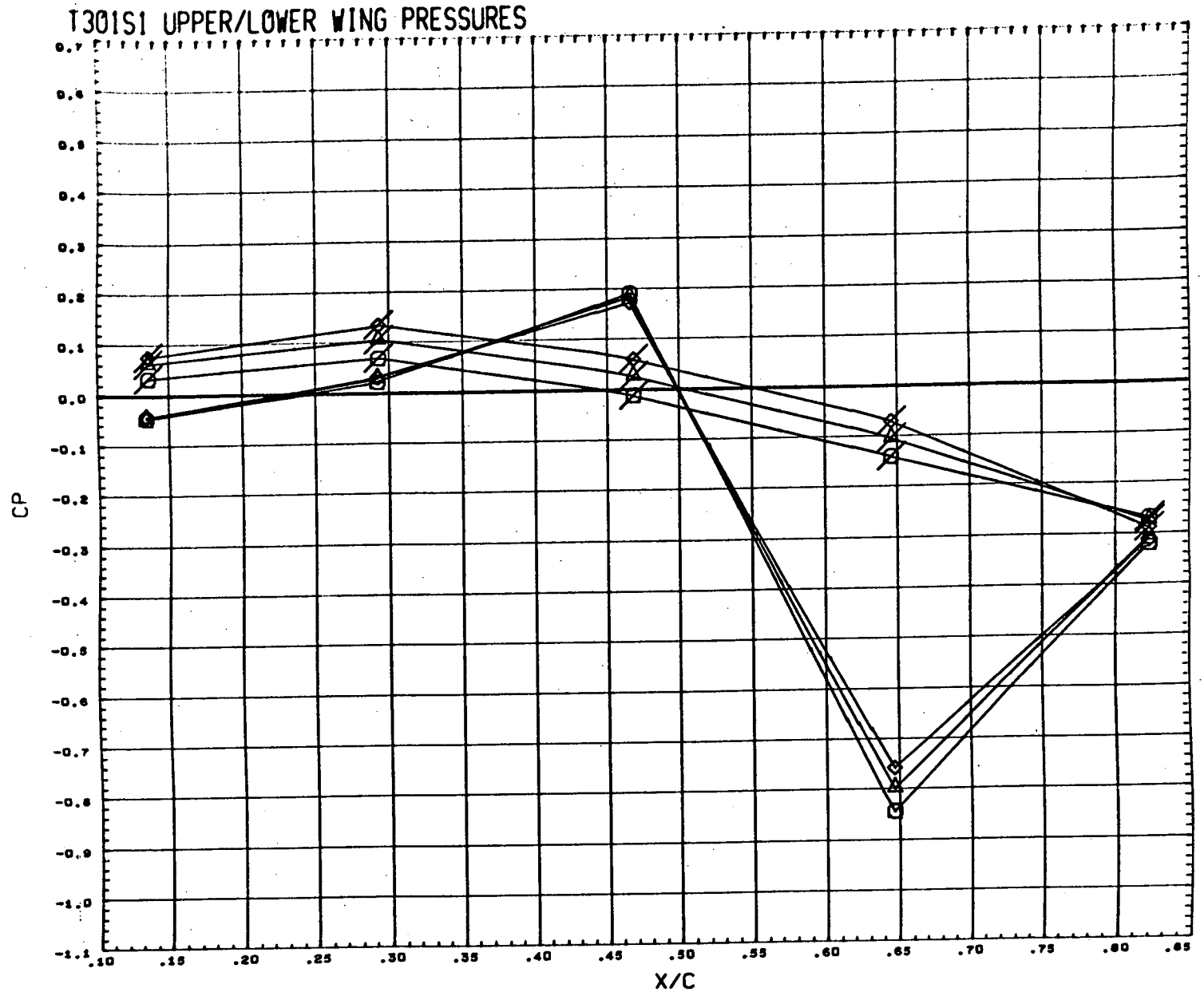
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	0.899
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



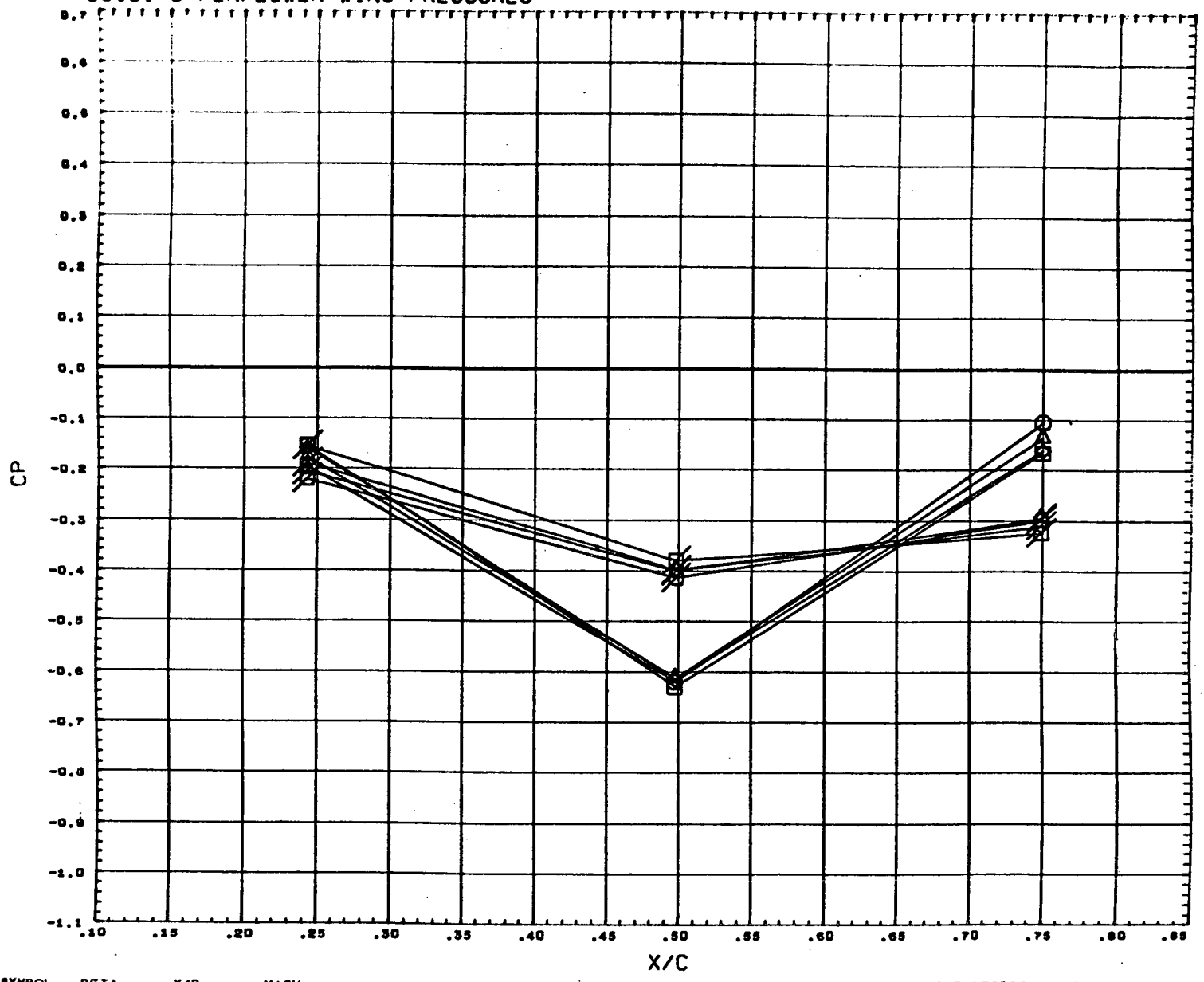
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.899
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



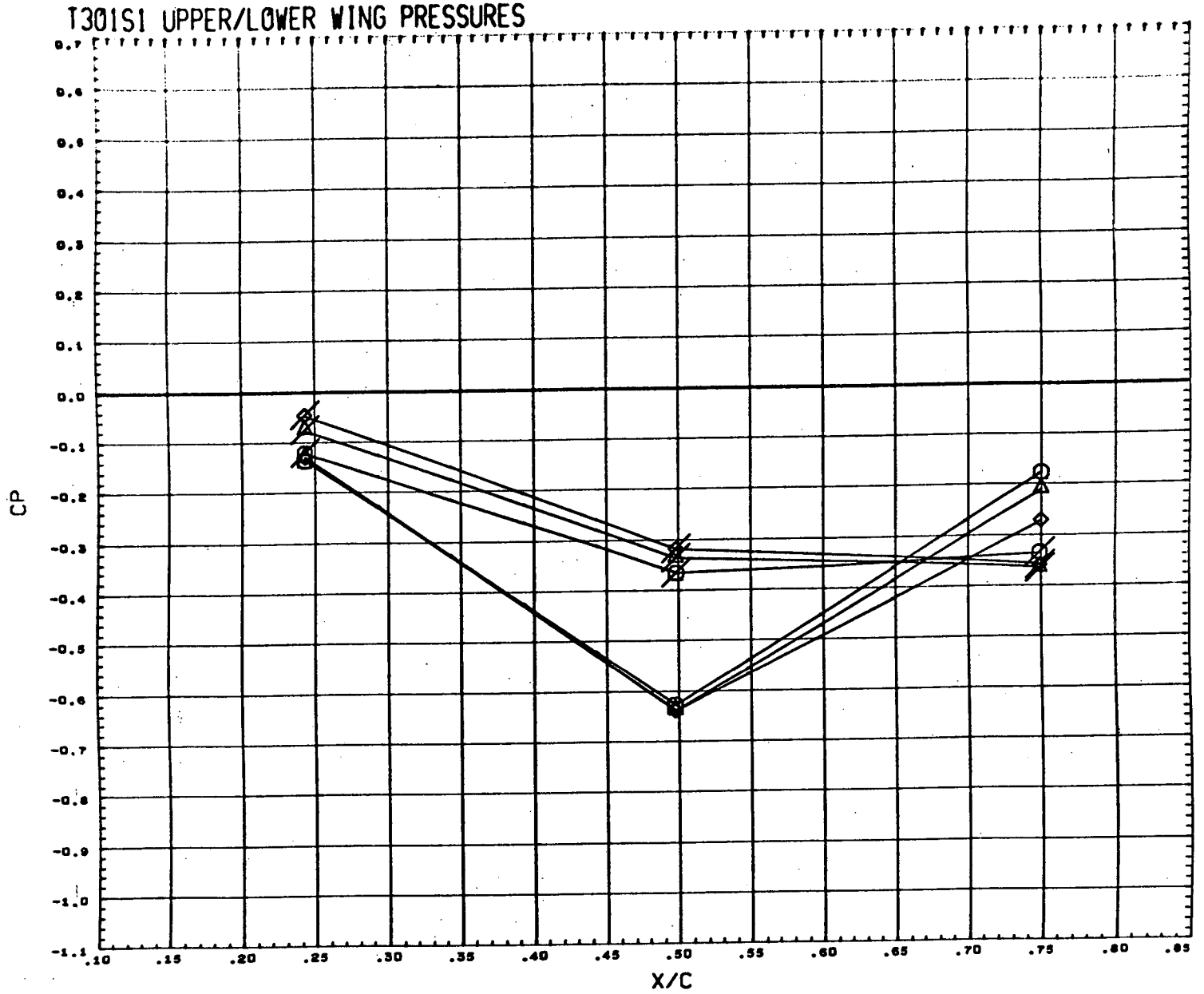
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.899
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



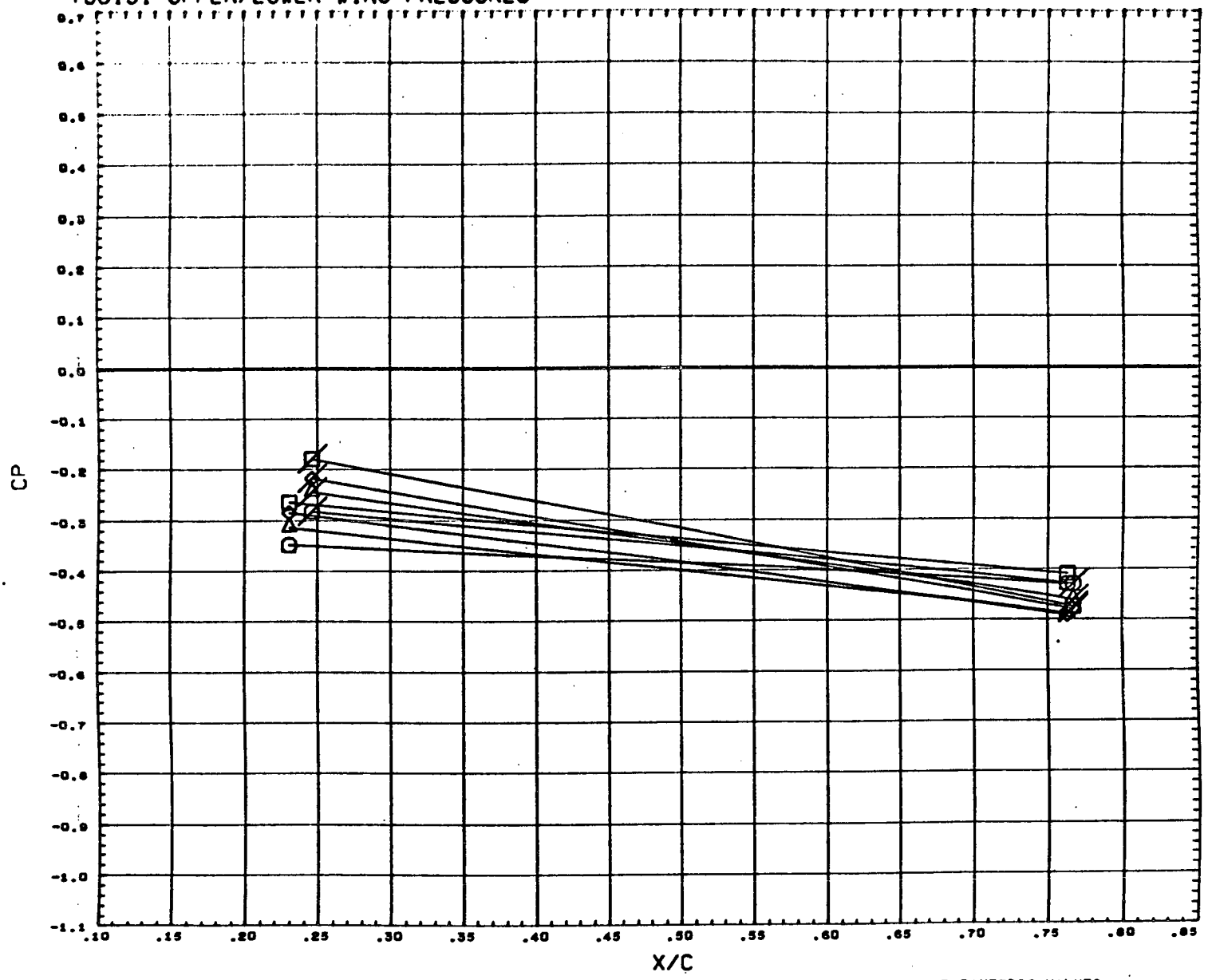
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.899
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



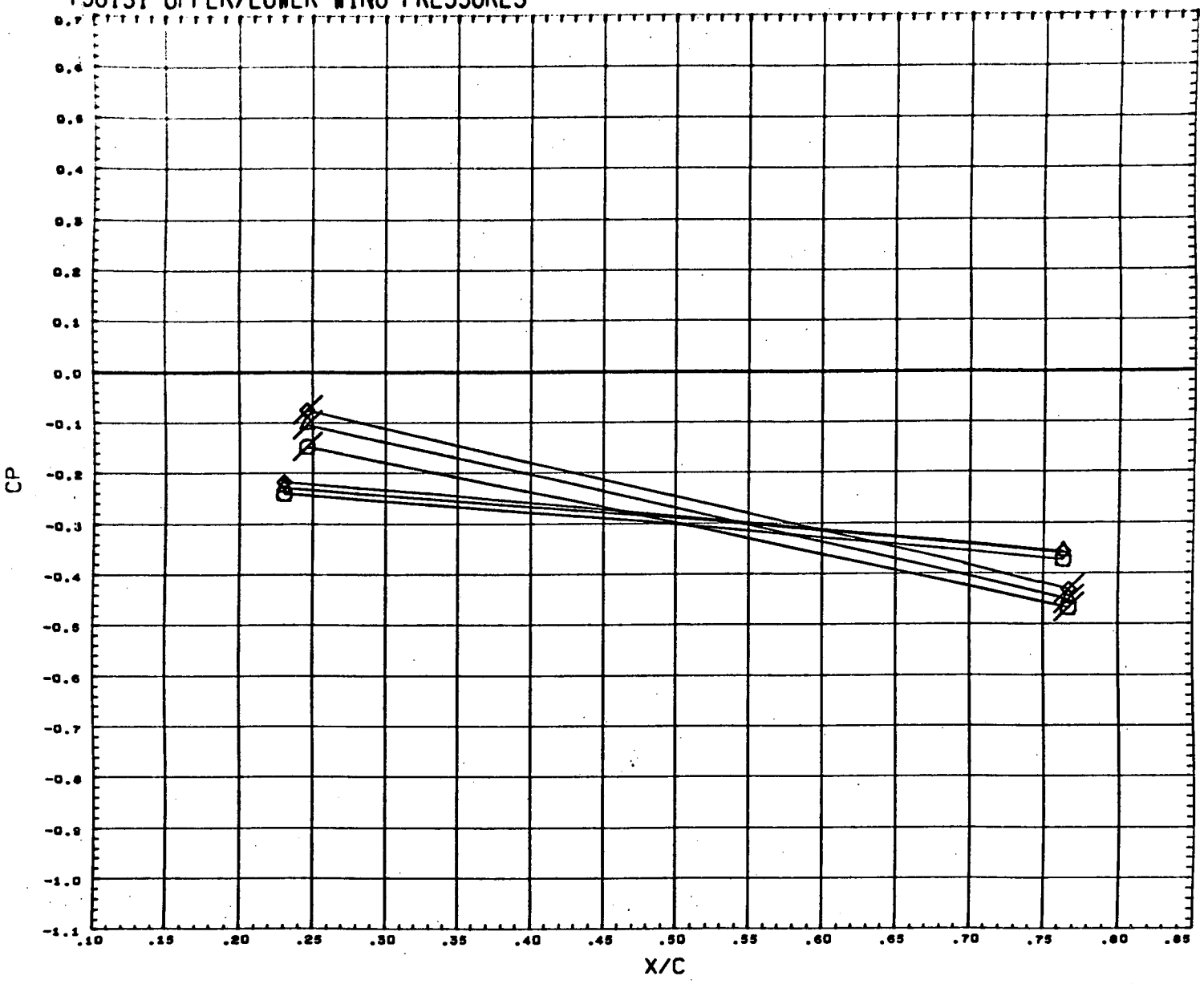
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	0.899
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



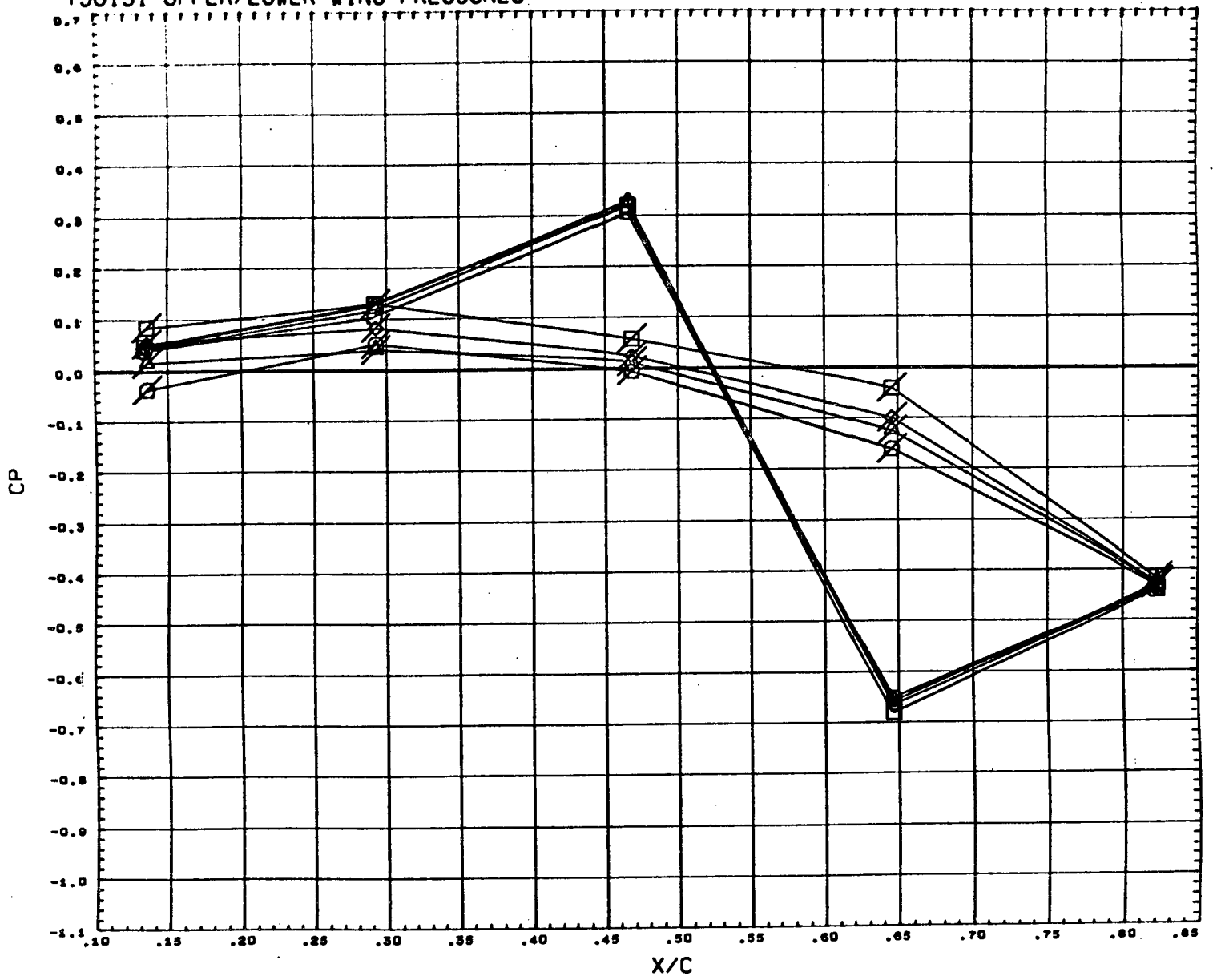
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	0.899
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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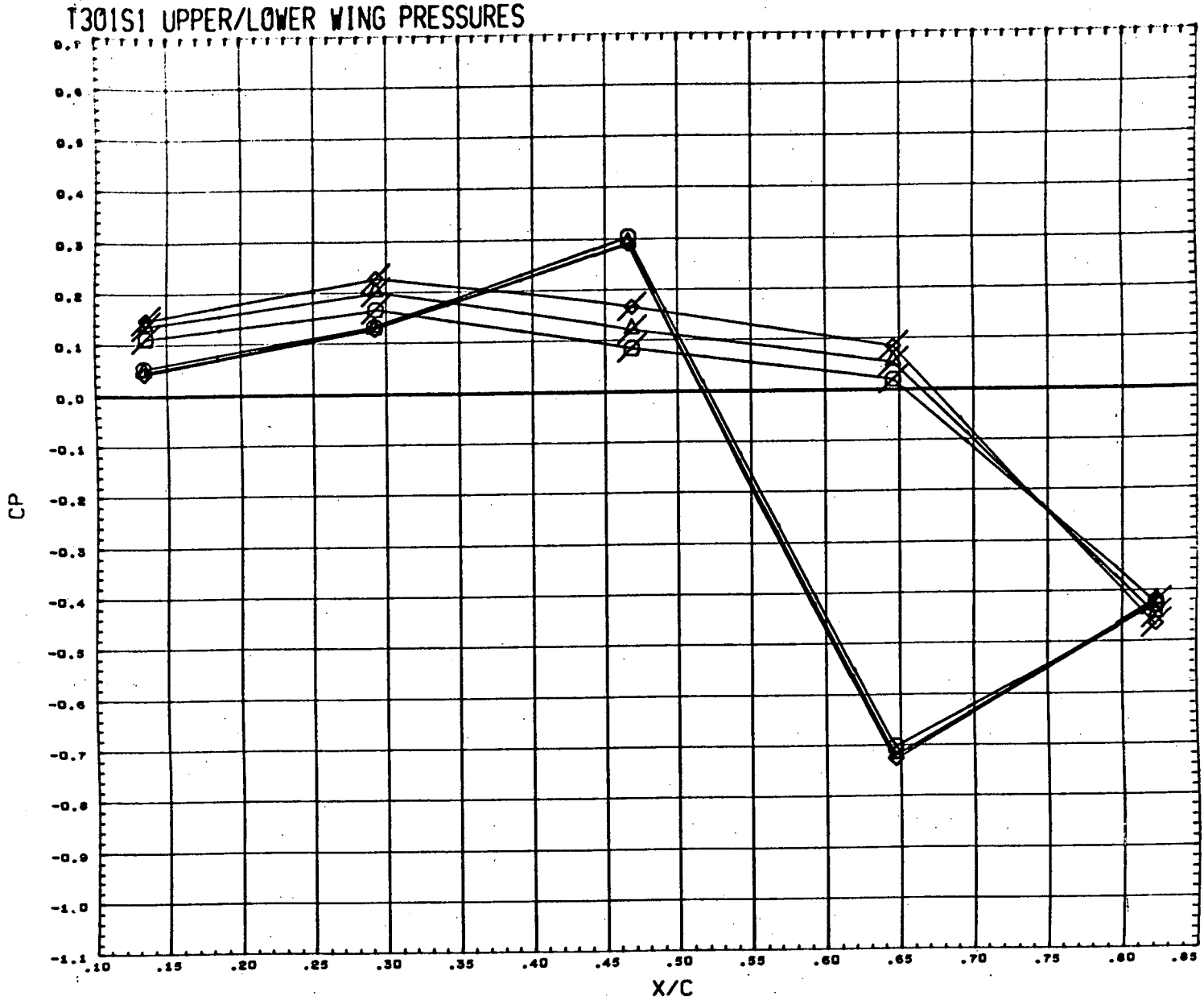
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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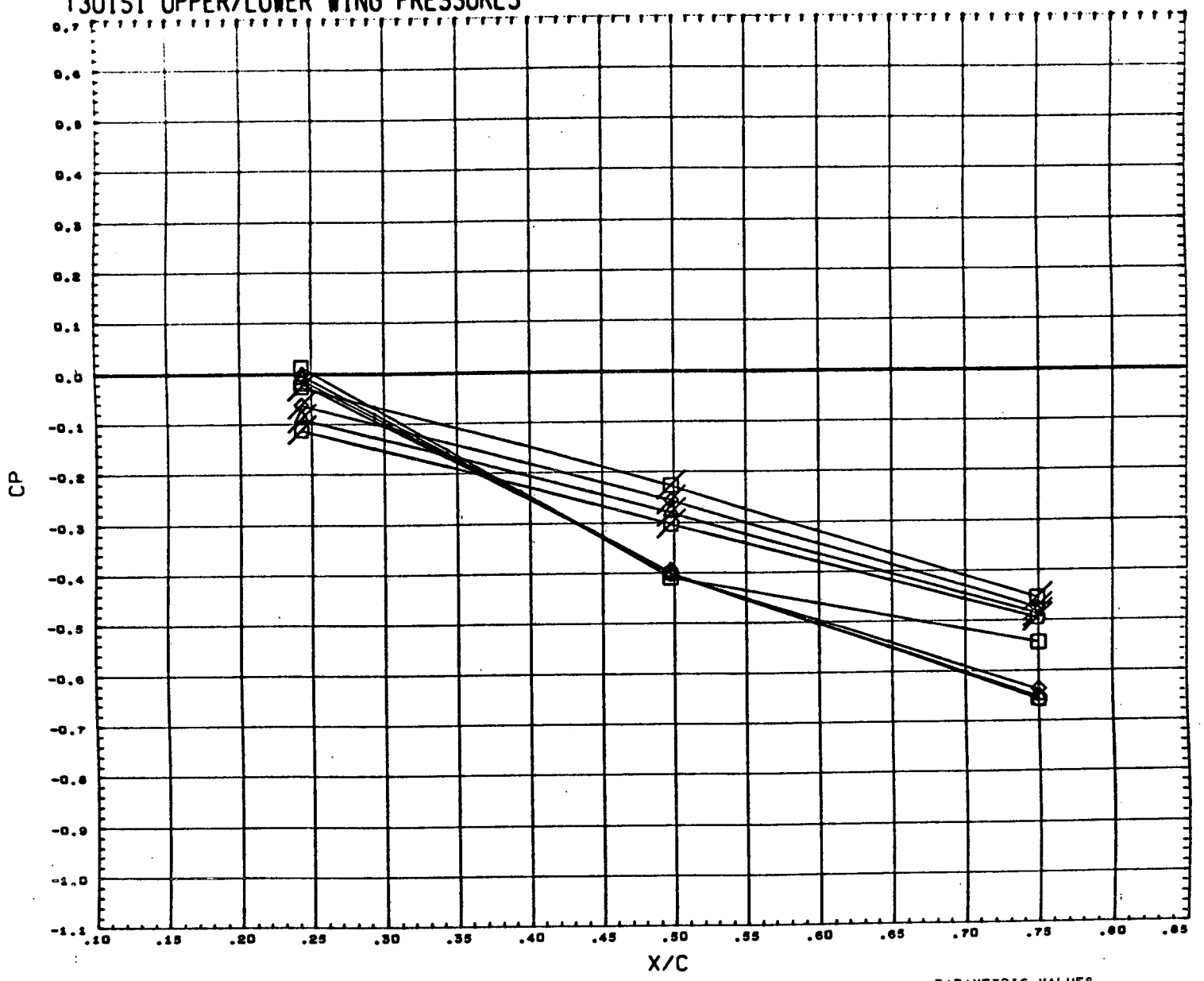
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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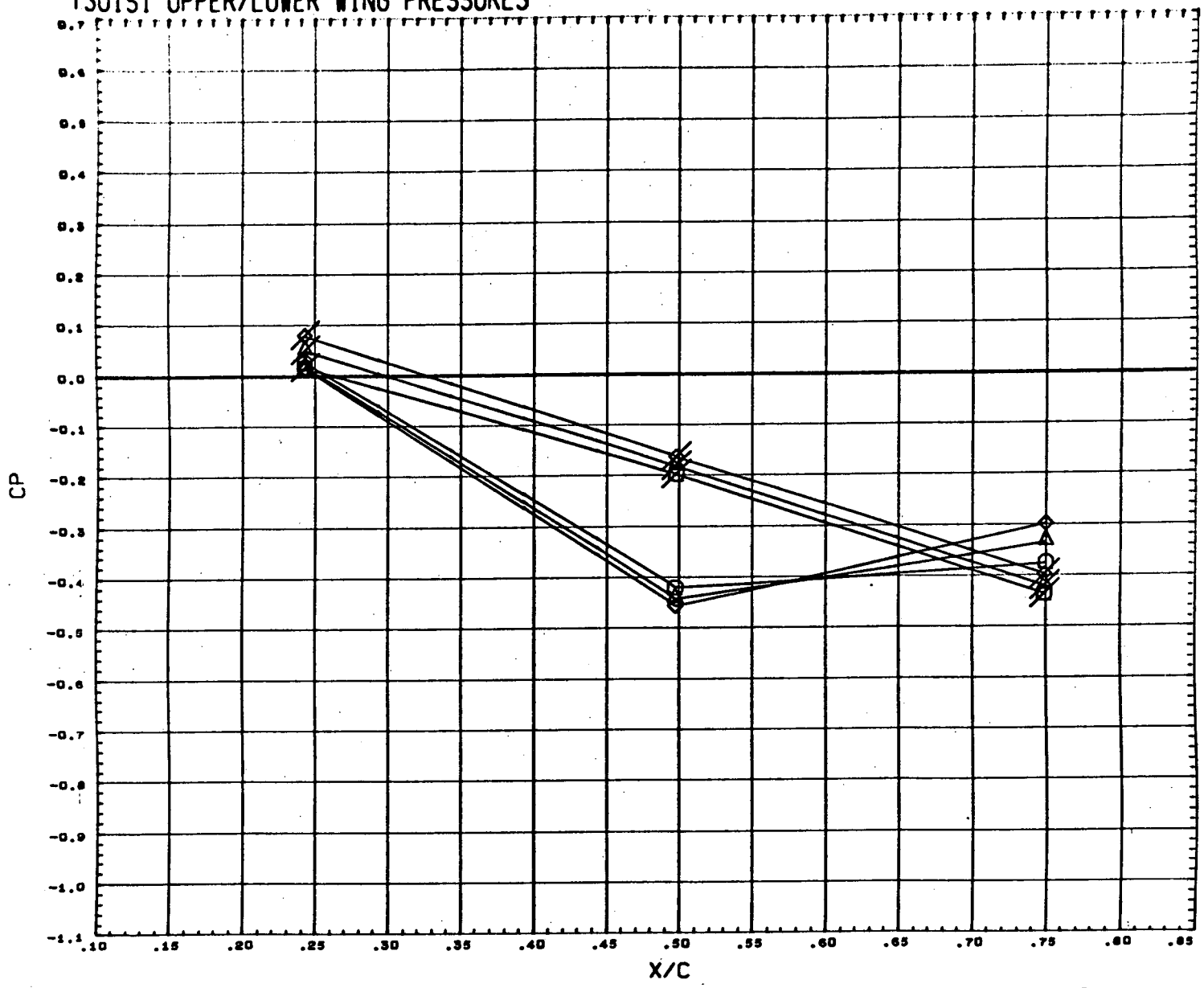
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



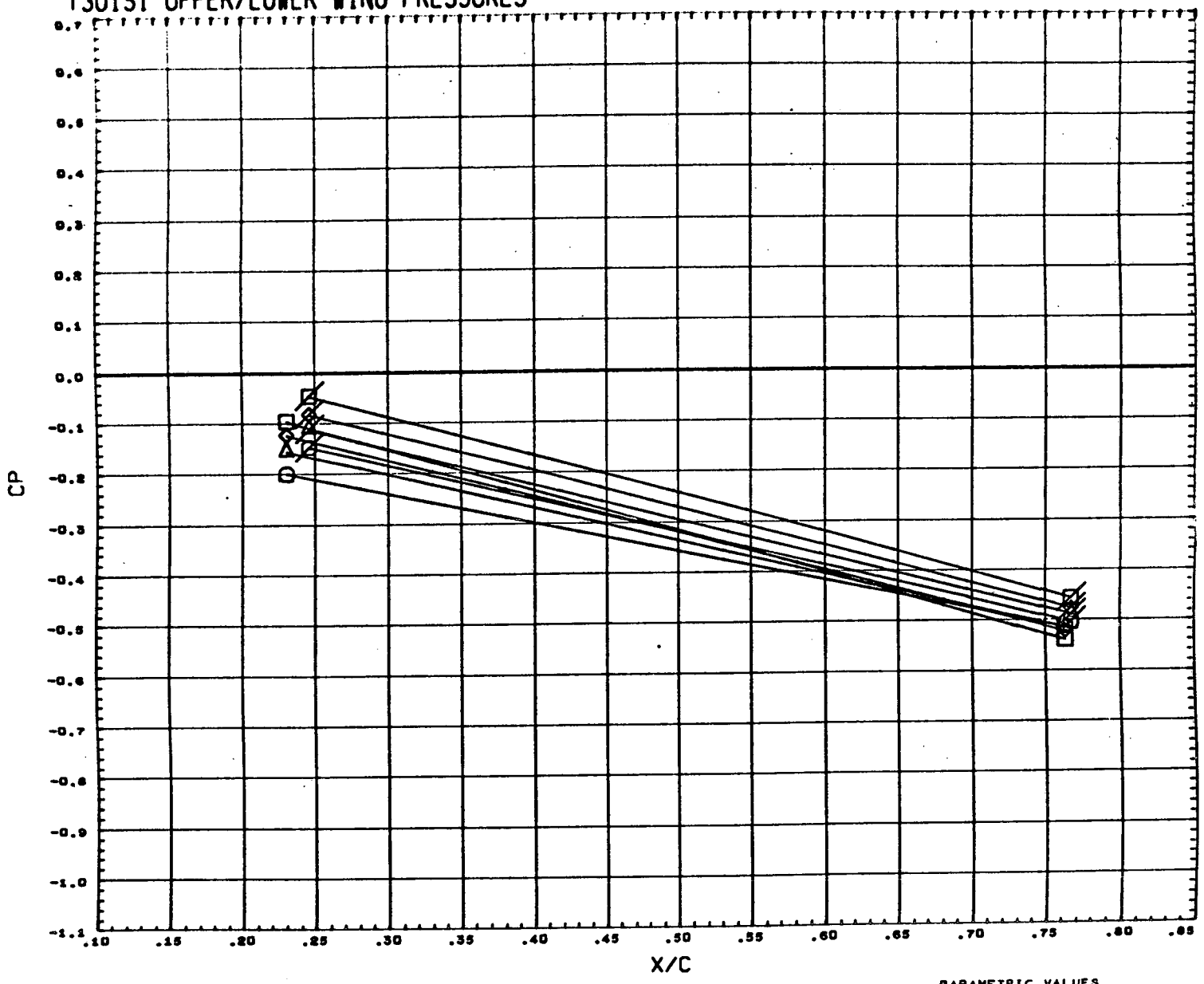
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.003
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



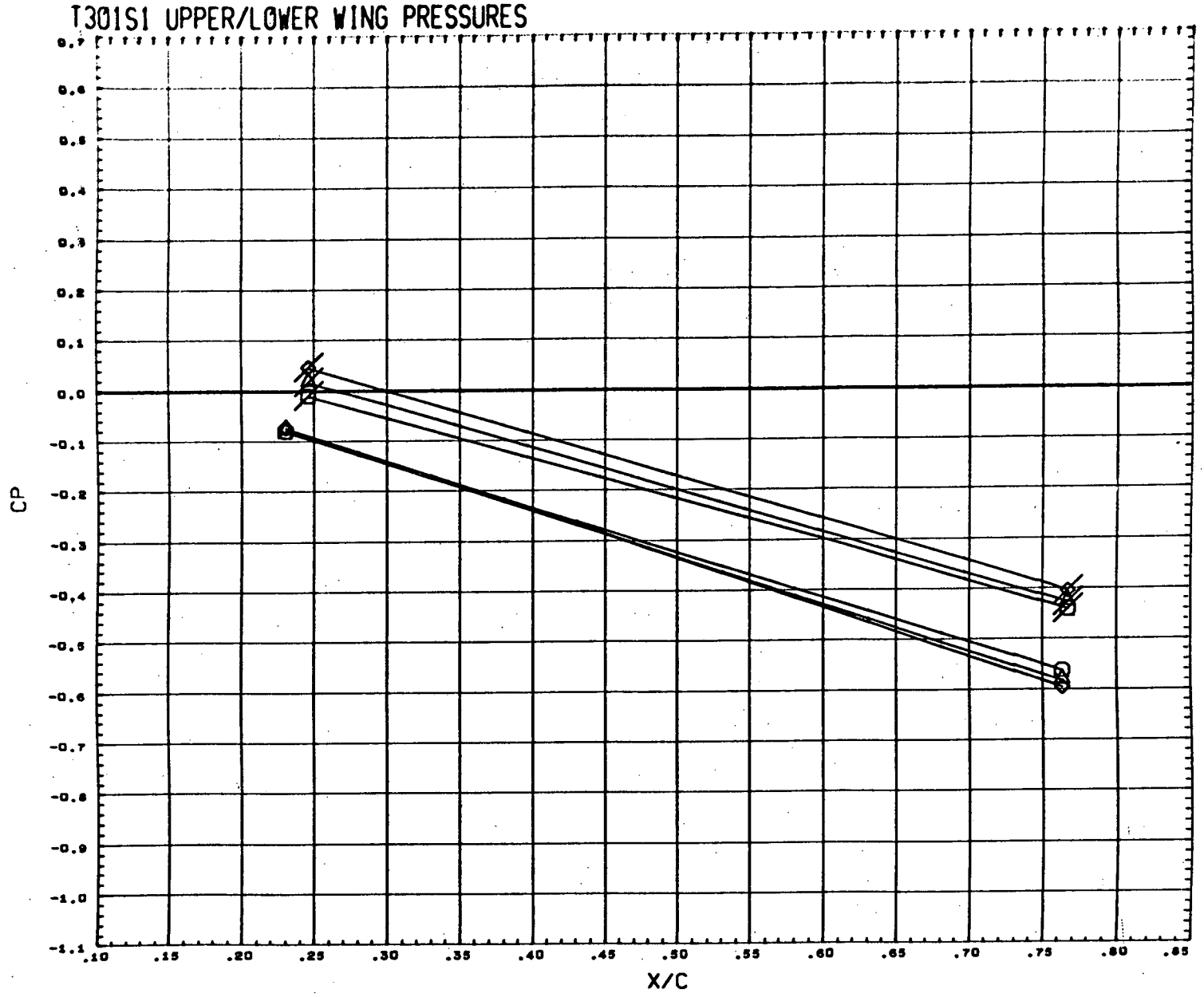
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.003
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



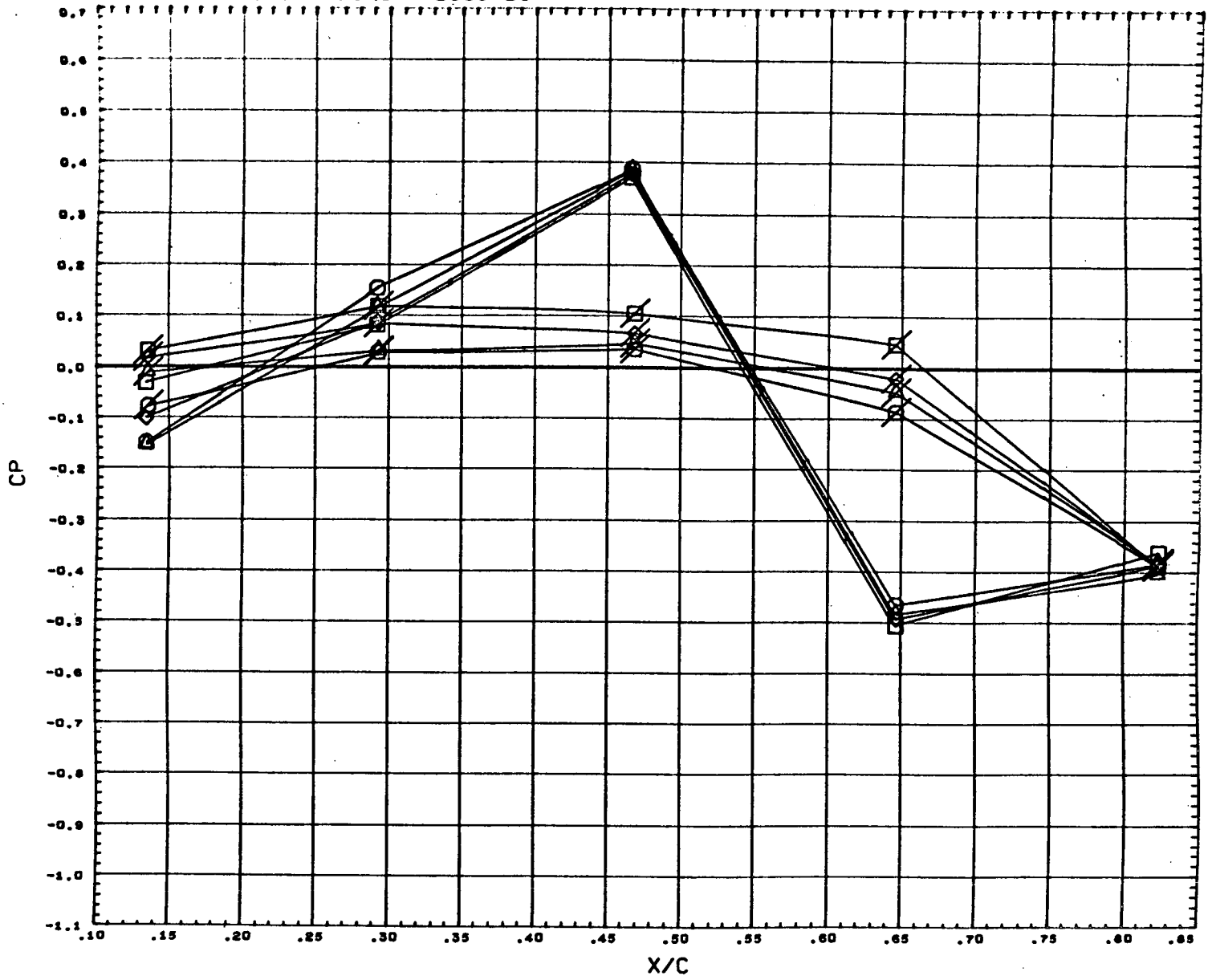
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.003
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



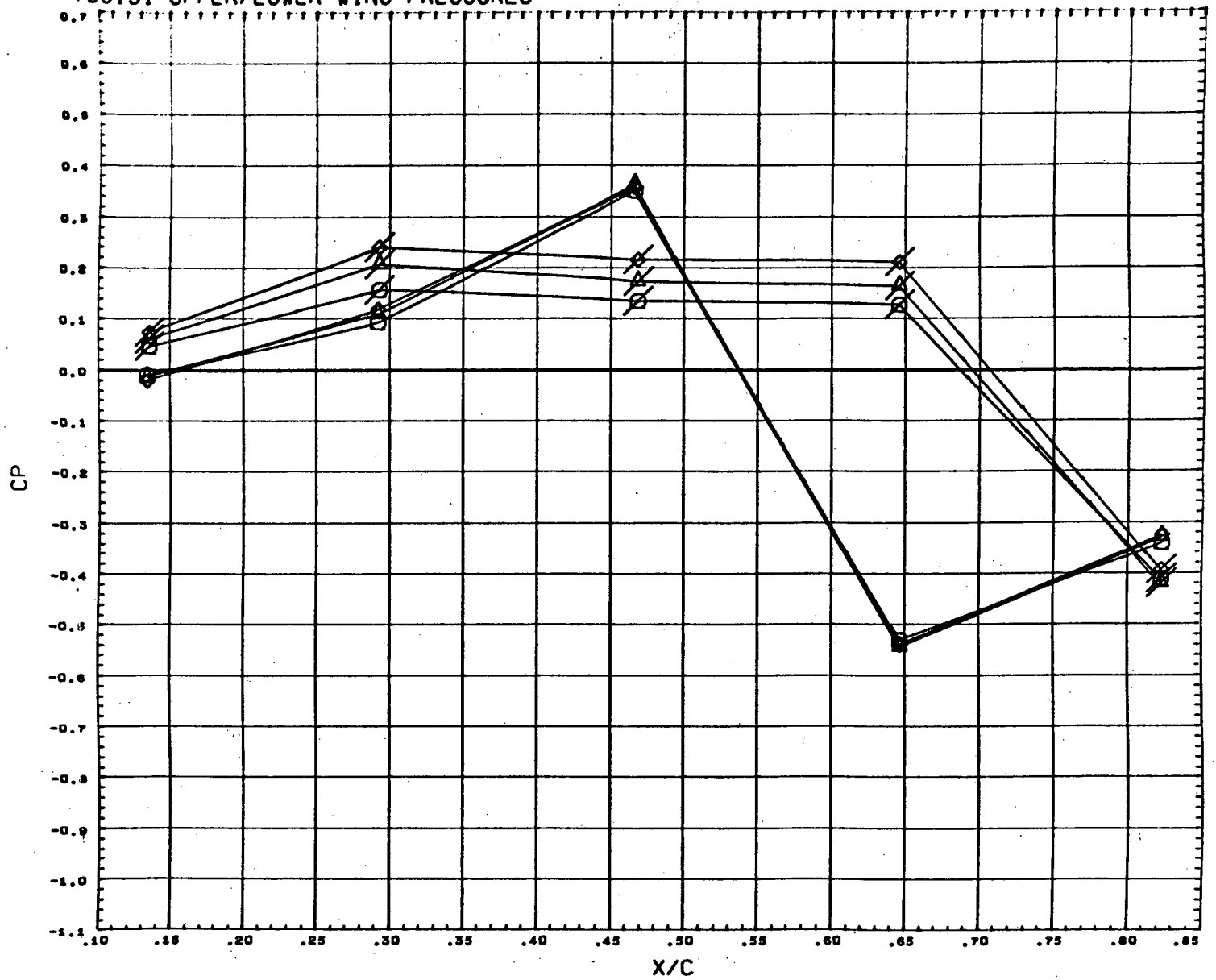
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.100
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



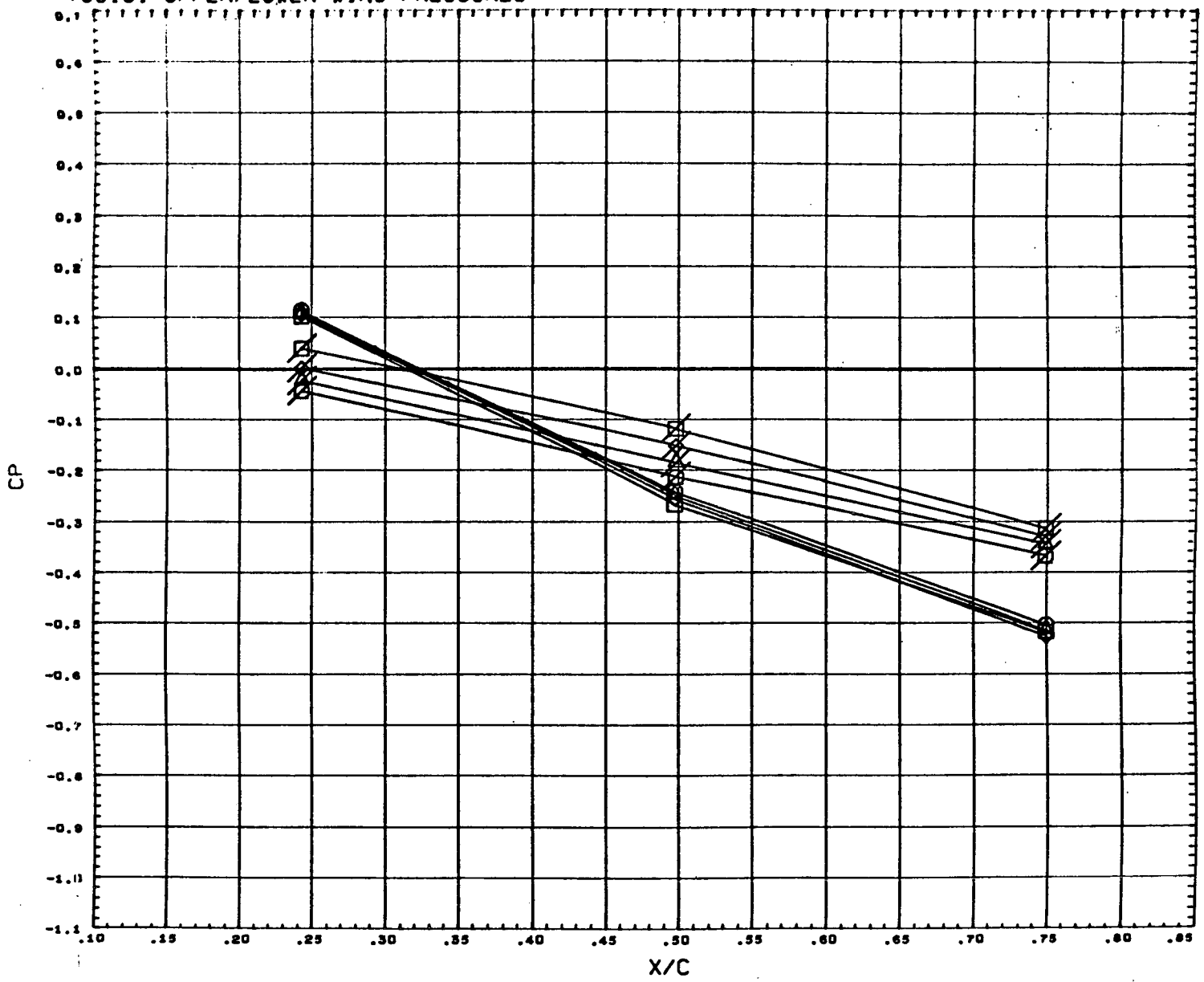
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.100
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



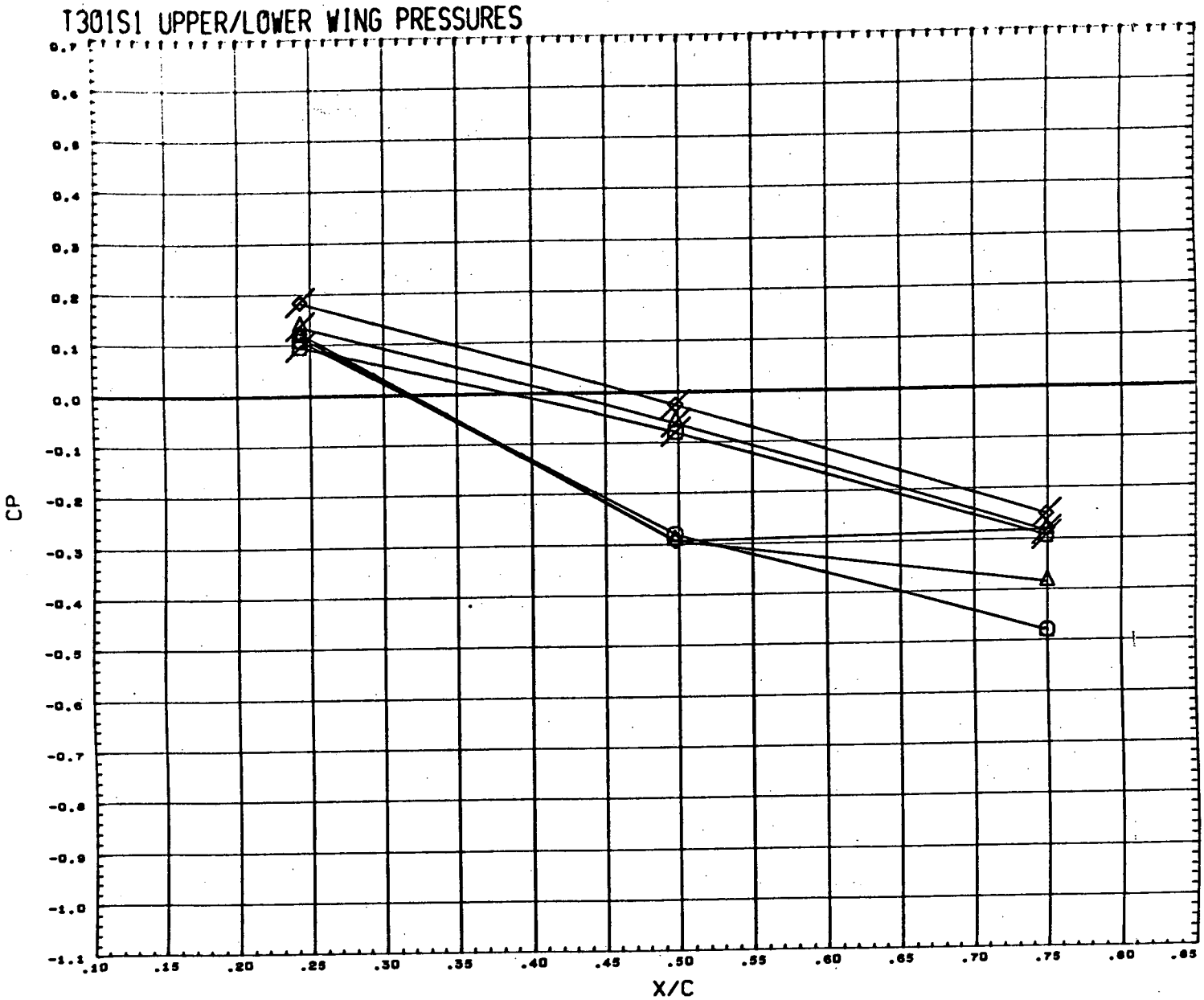
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.100
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



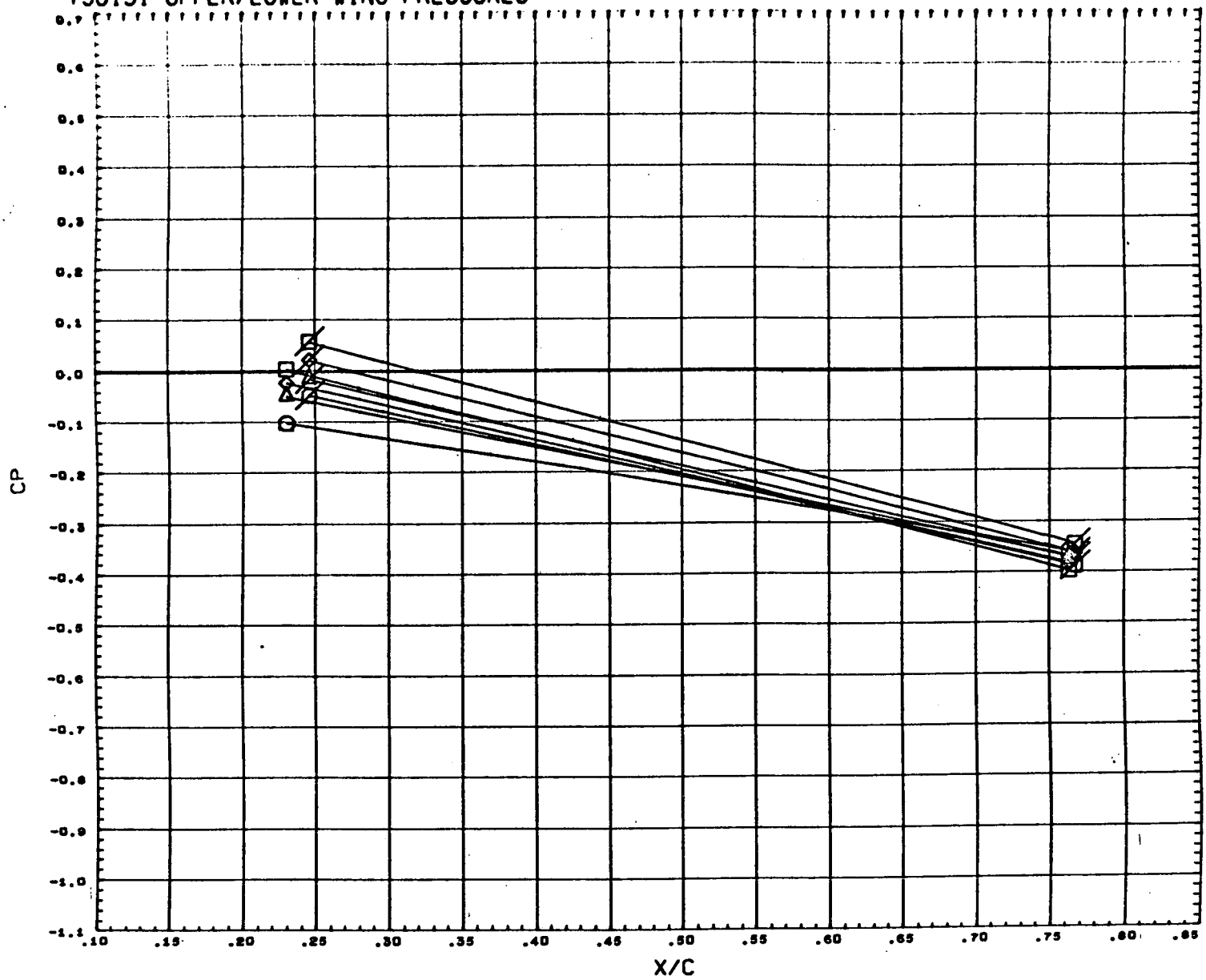
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.100
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



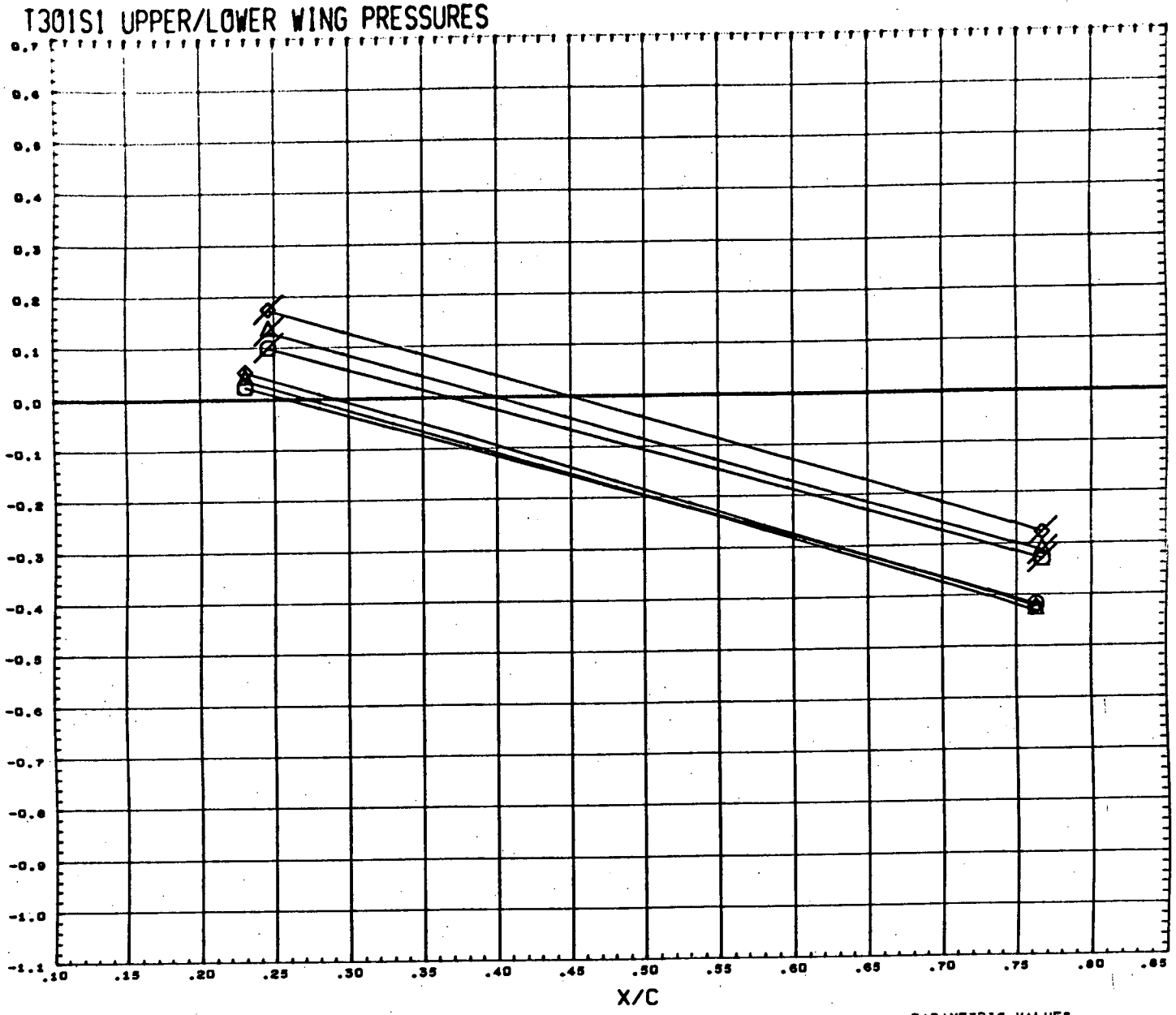
SYMBOL	BETA	Y/B	MACH
○	6.000	0.645	1.100
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



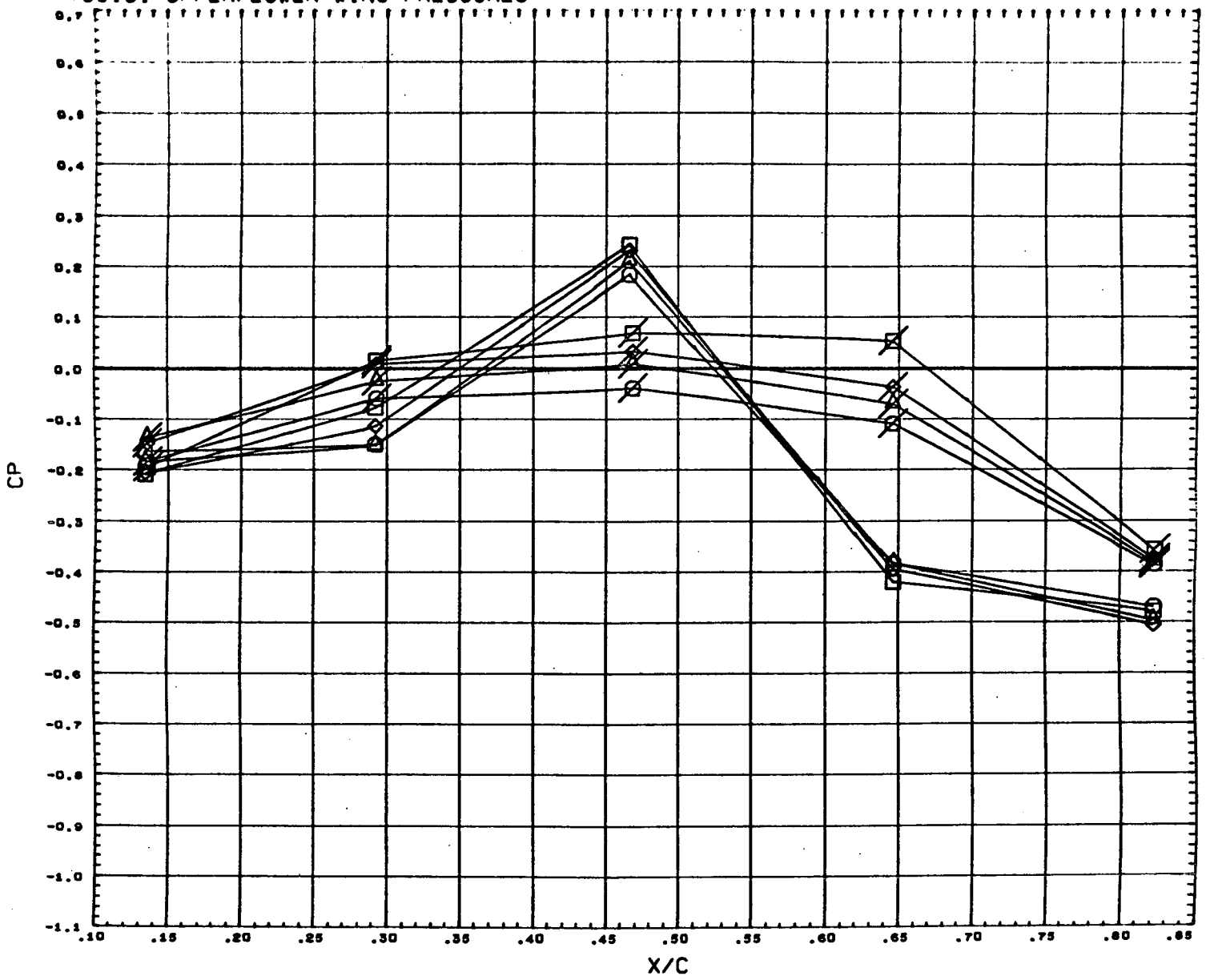
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.100
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



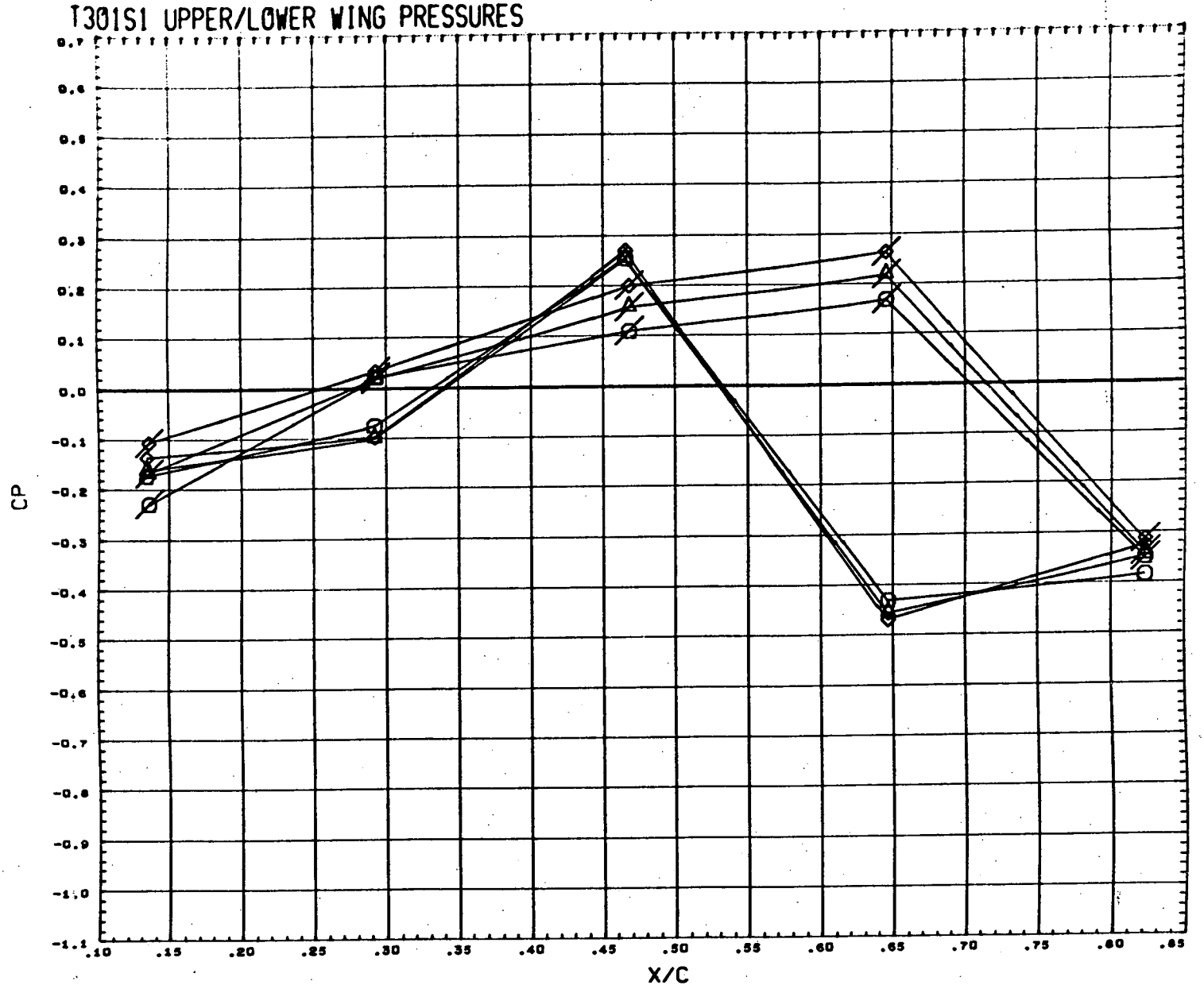
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.199
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



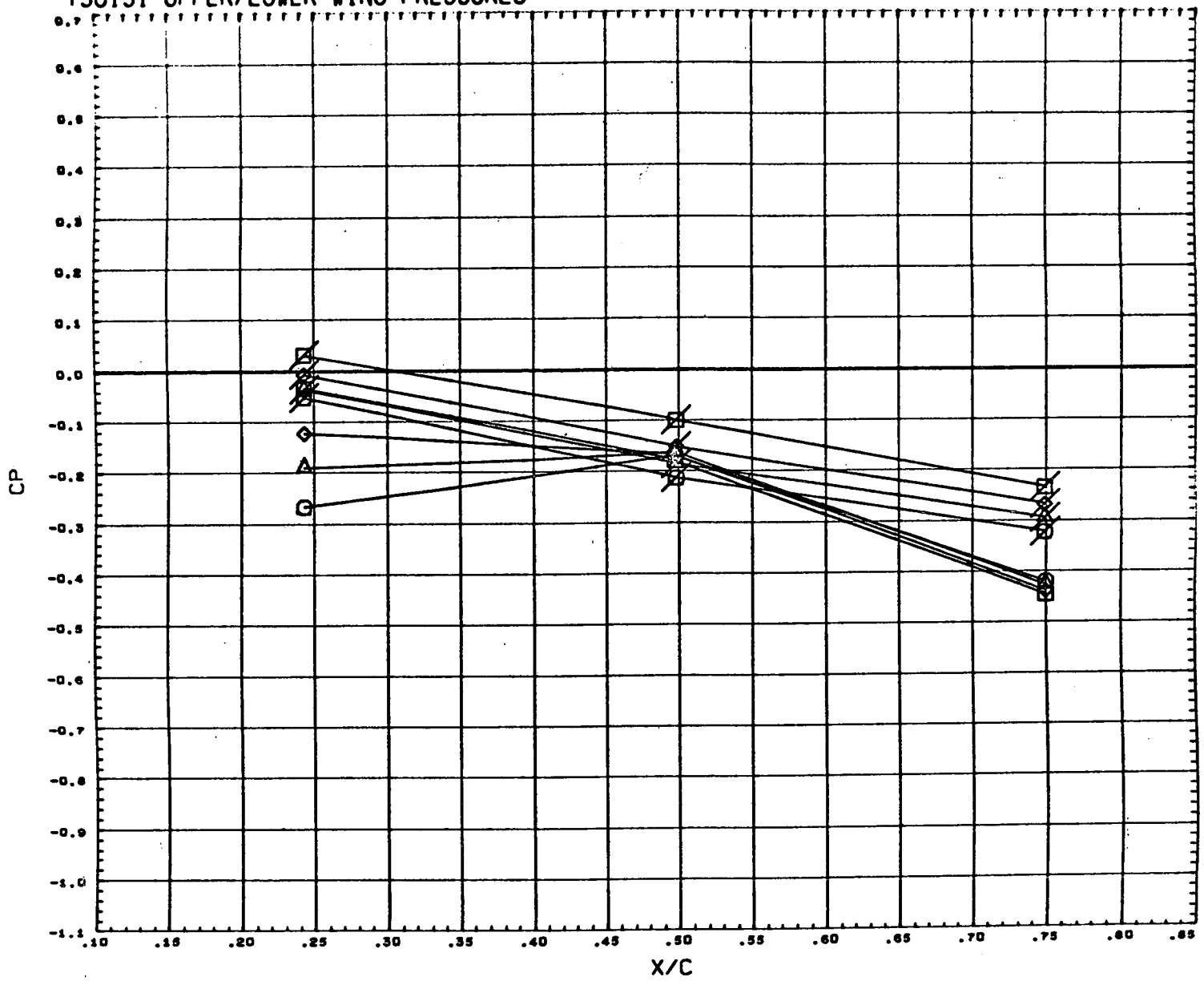
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.199
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



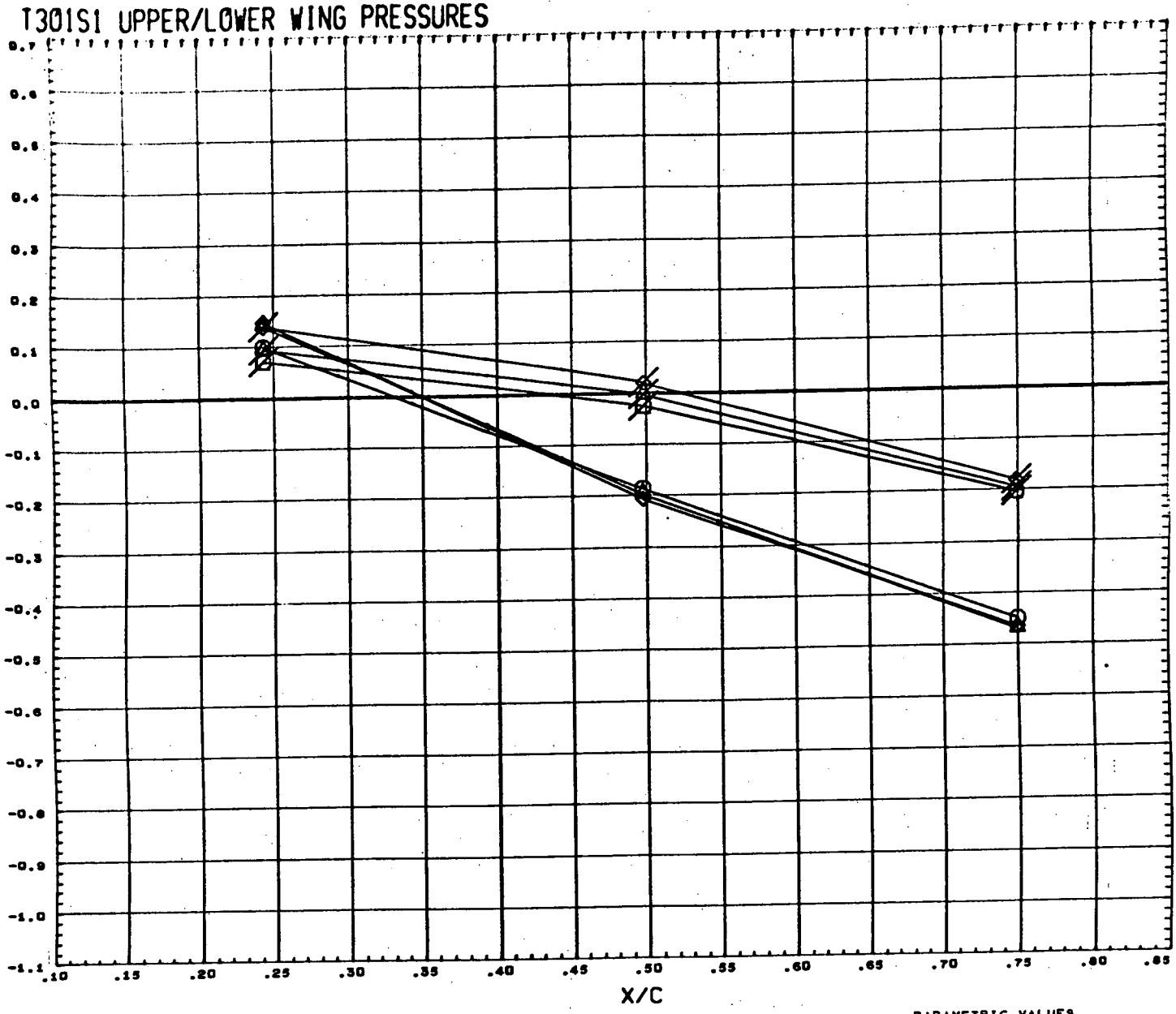
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.199
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



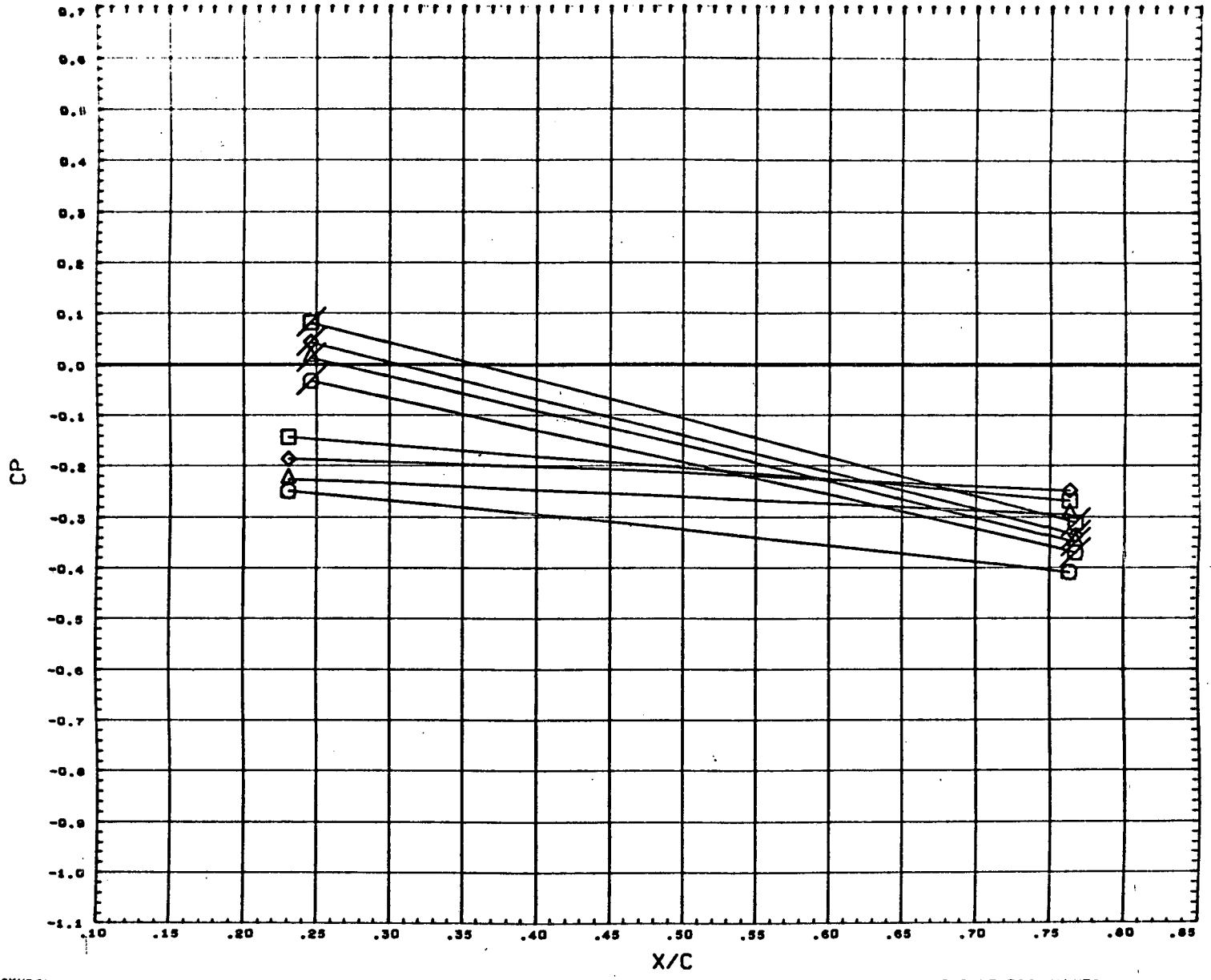
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.199
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



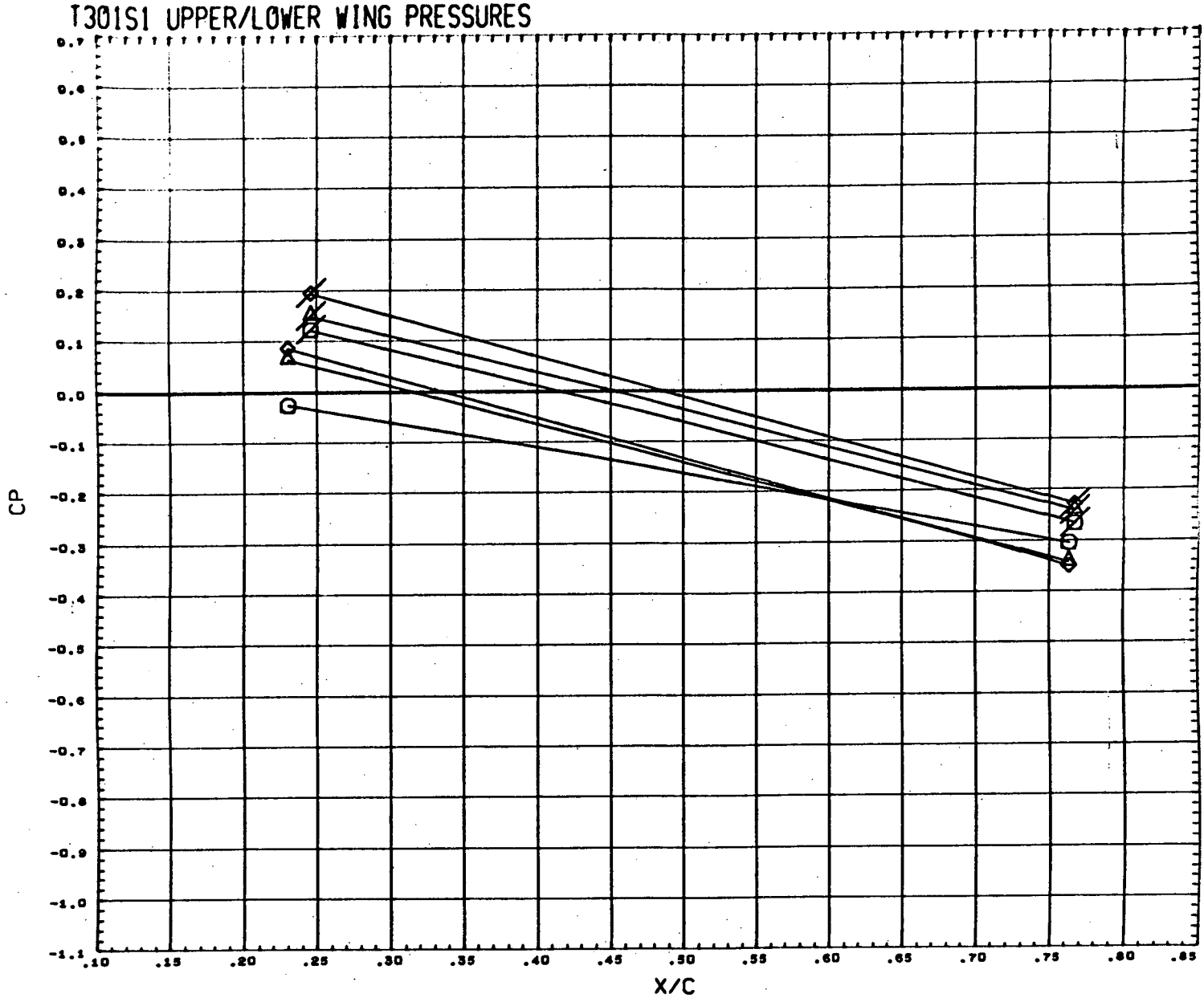
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.199
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



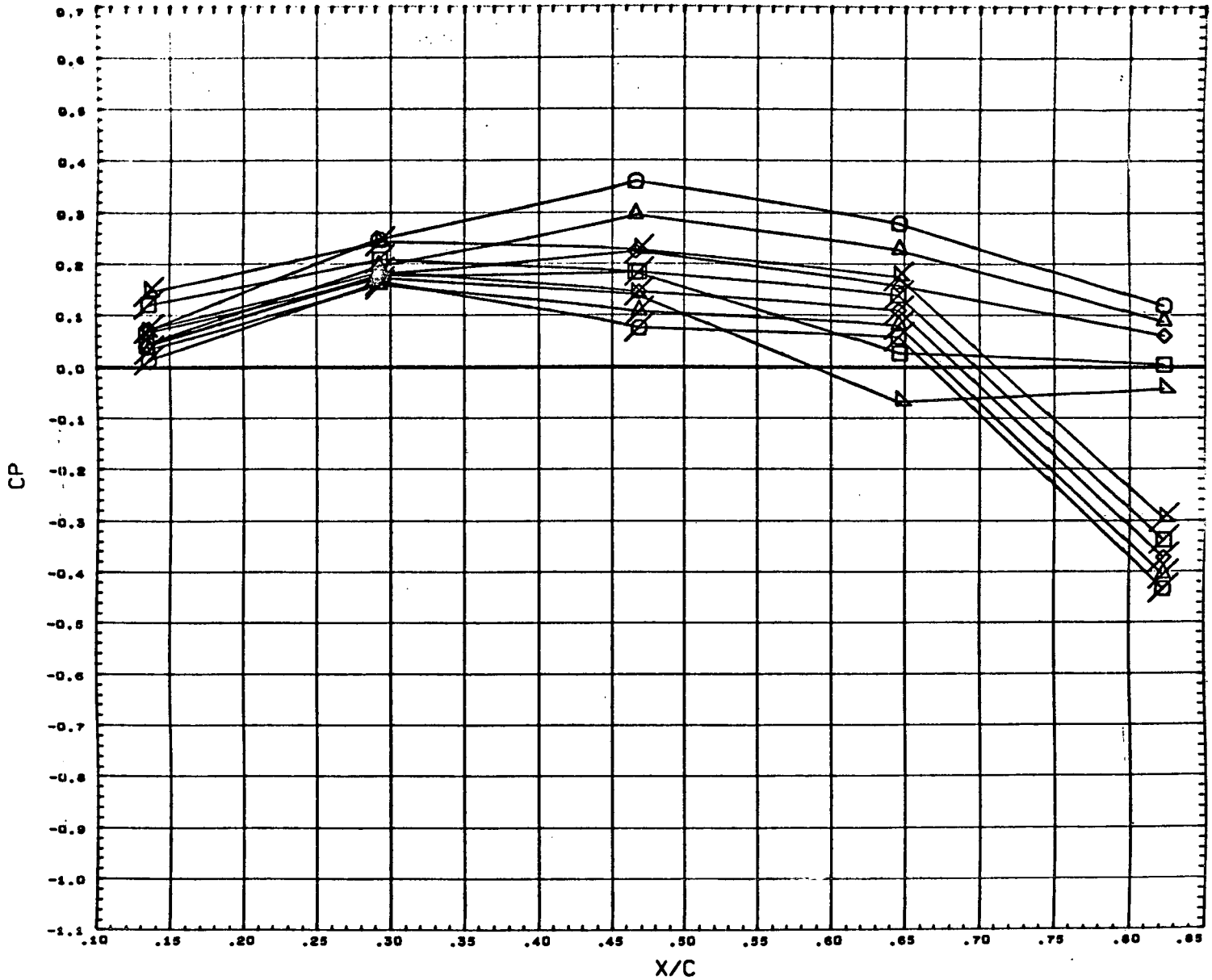
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.199
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73014)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73014)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.194
△	6.000		
◇	4.000		
□	2.000		
	0.000		

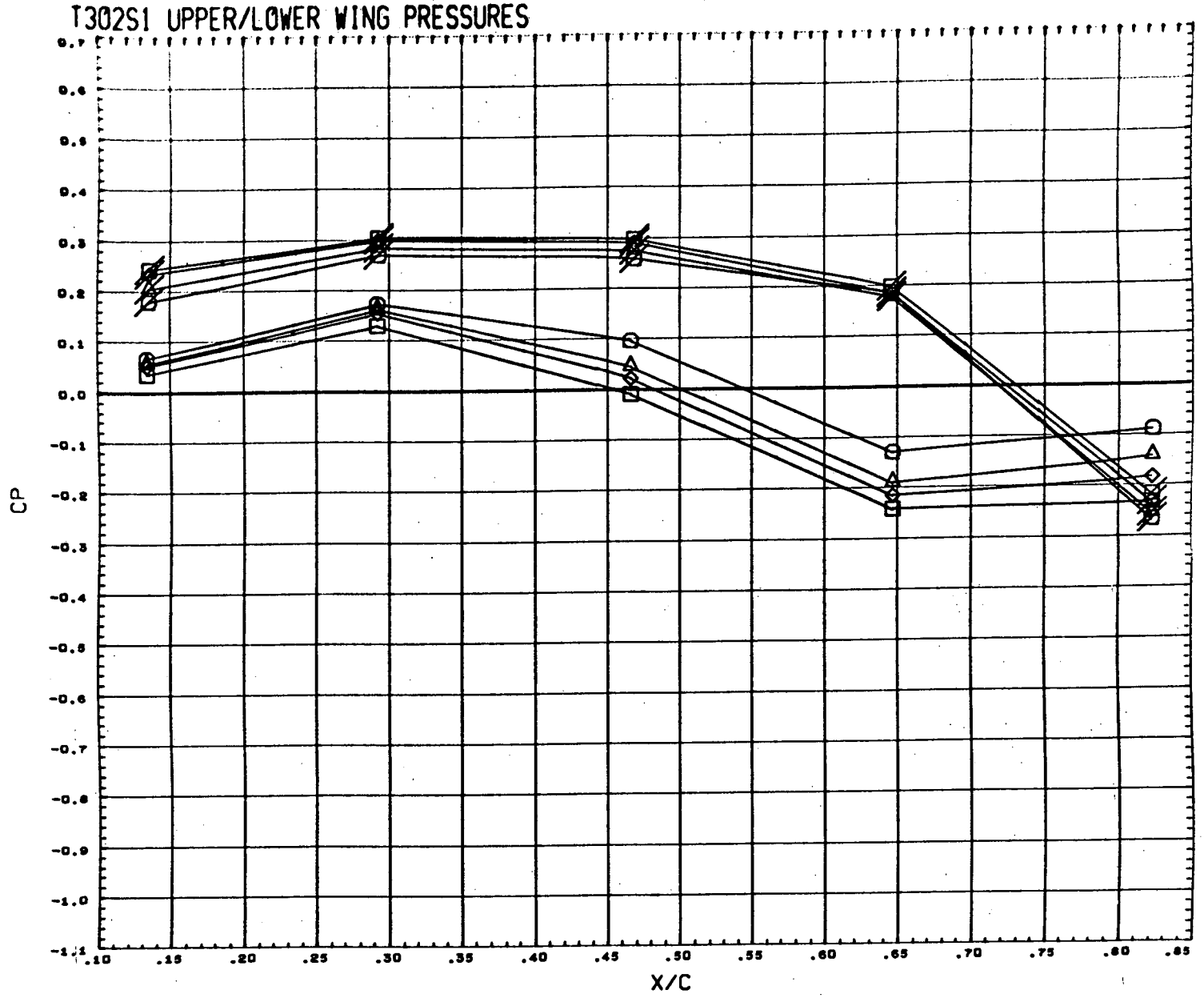
PARAMETRIC VALUES :

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



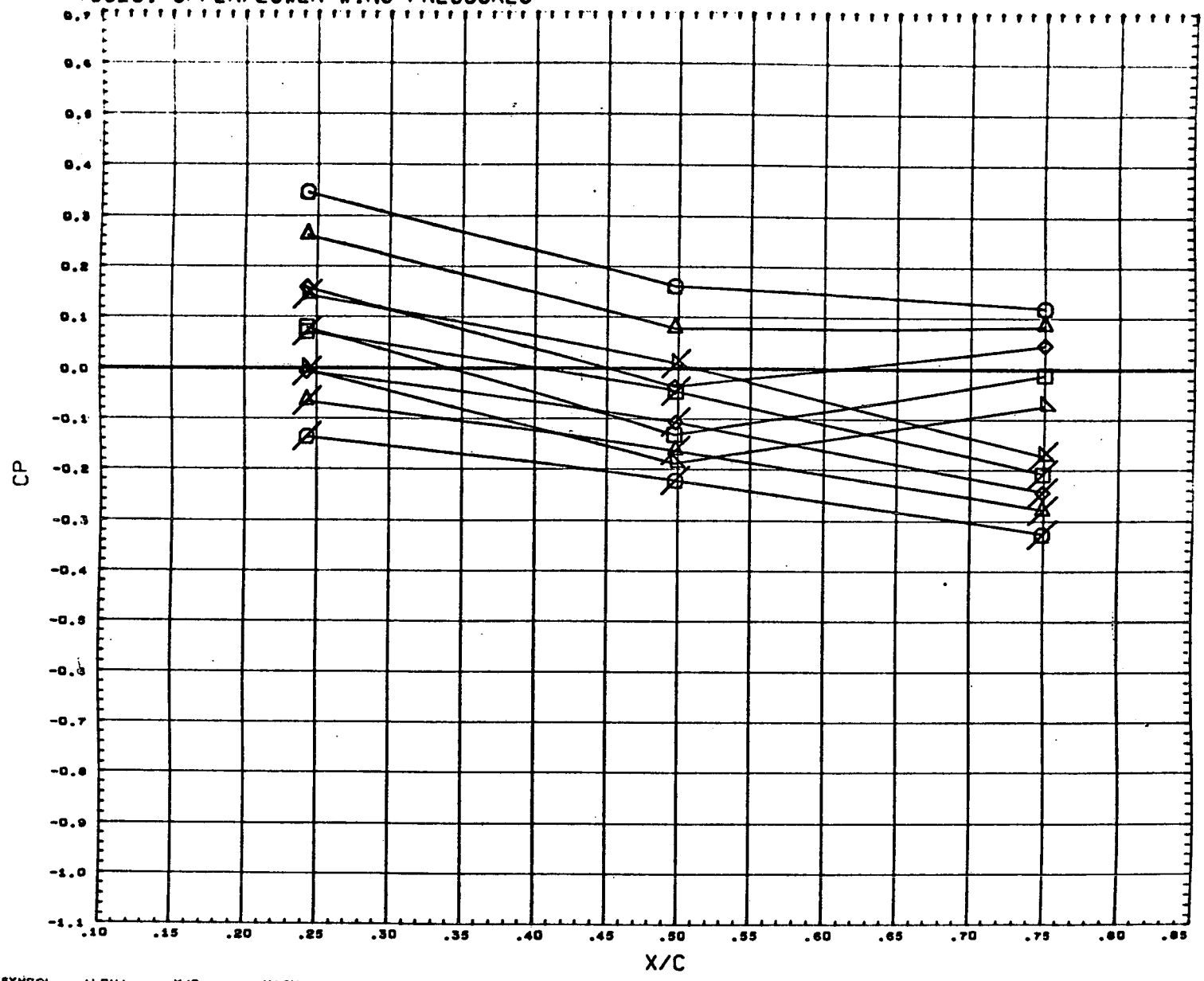
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.194
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



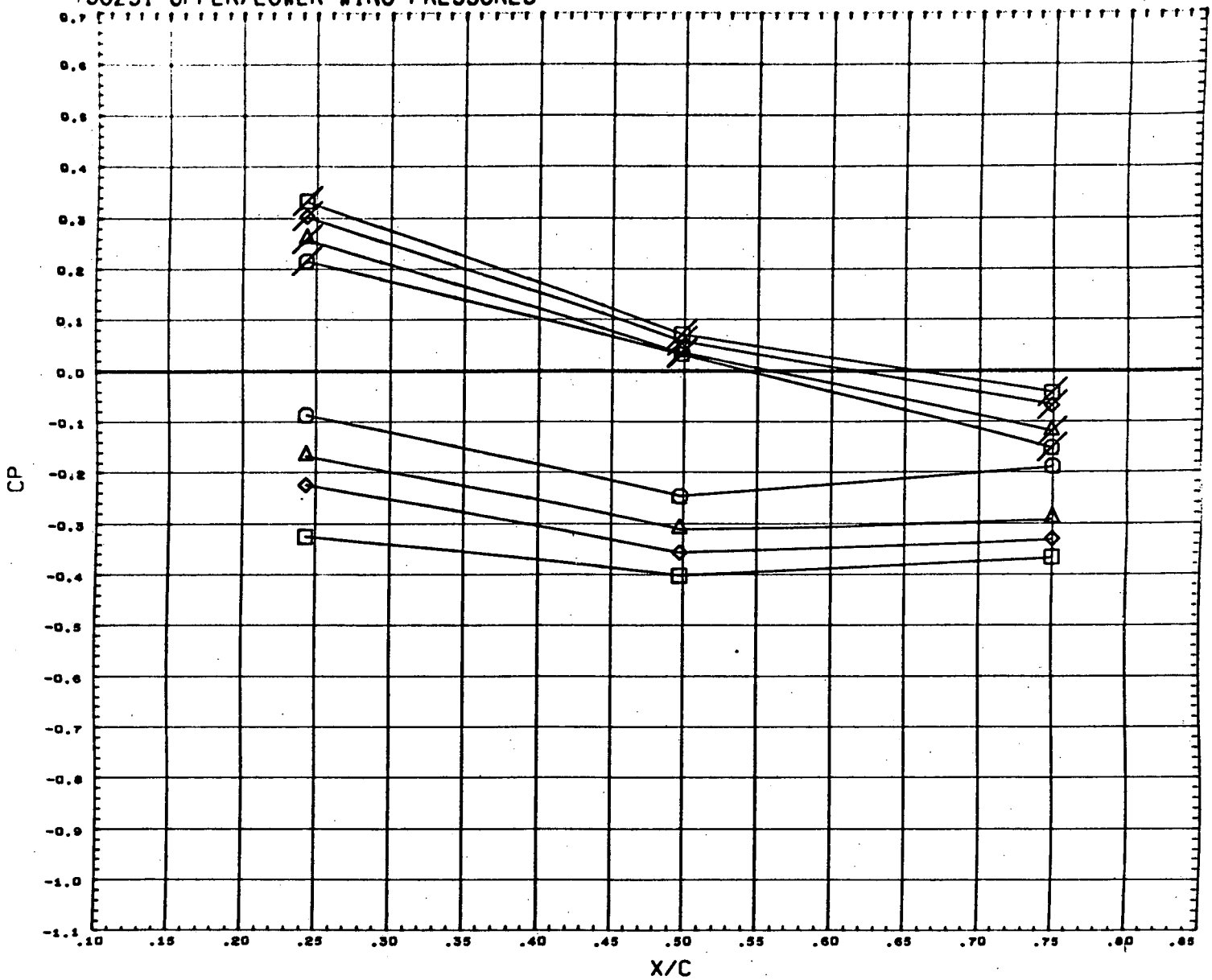
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.194
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.194
△	4.000		
◇	6.000		
□	8.000		

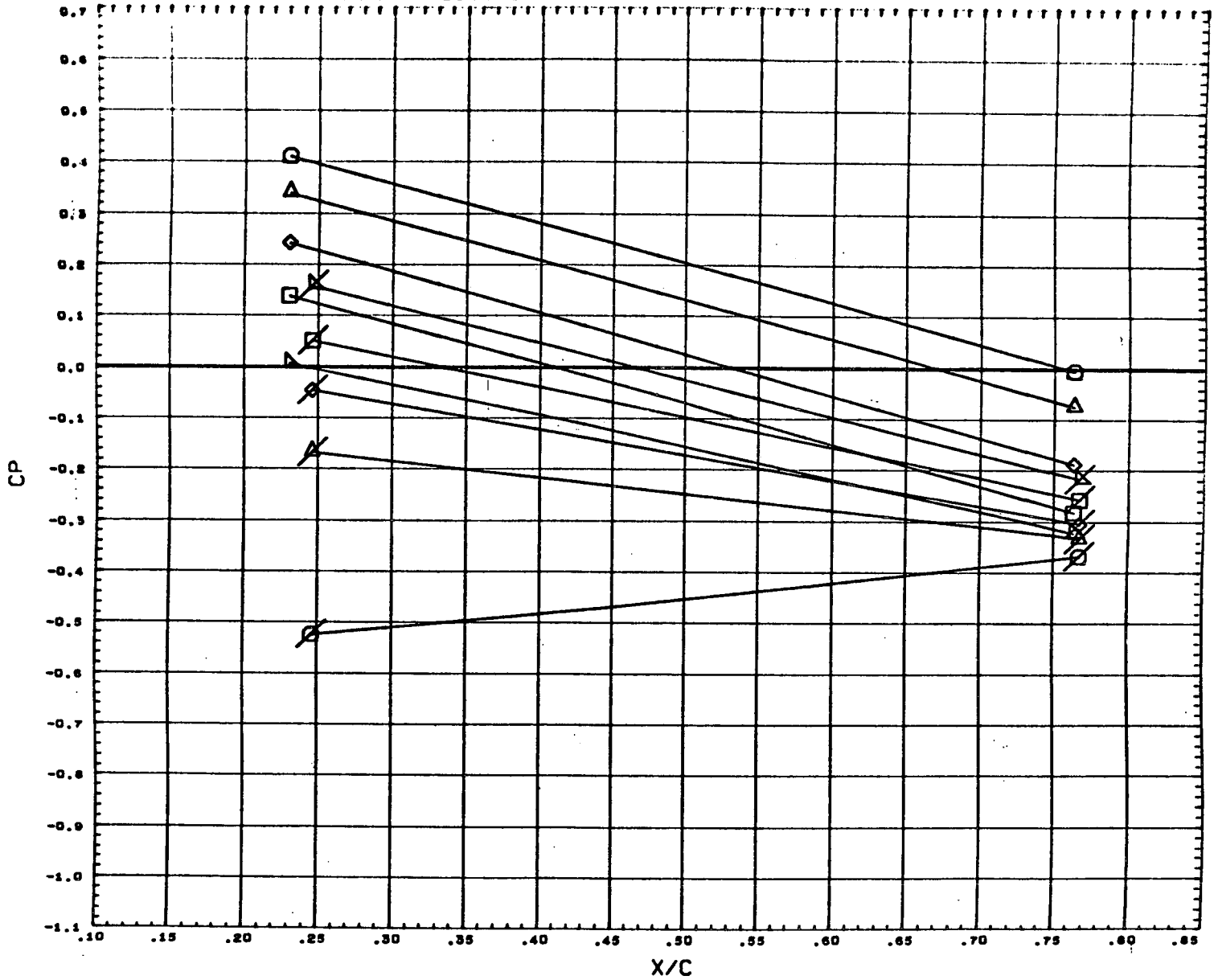
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



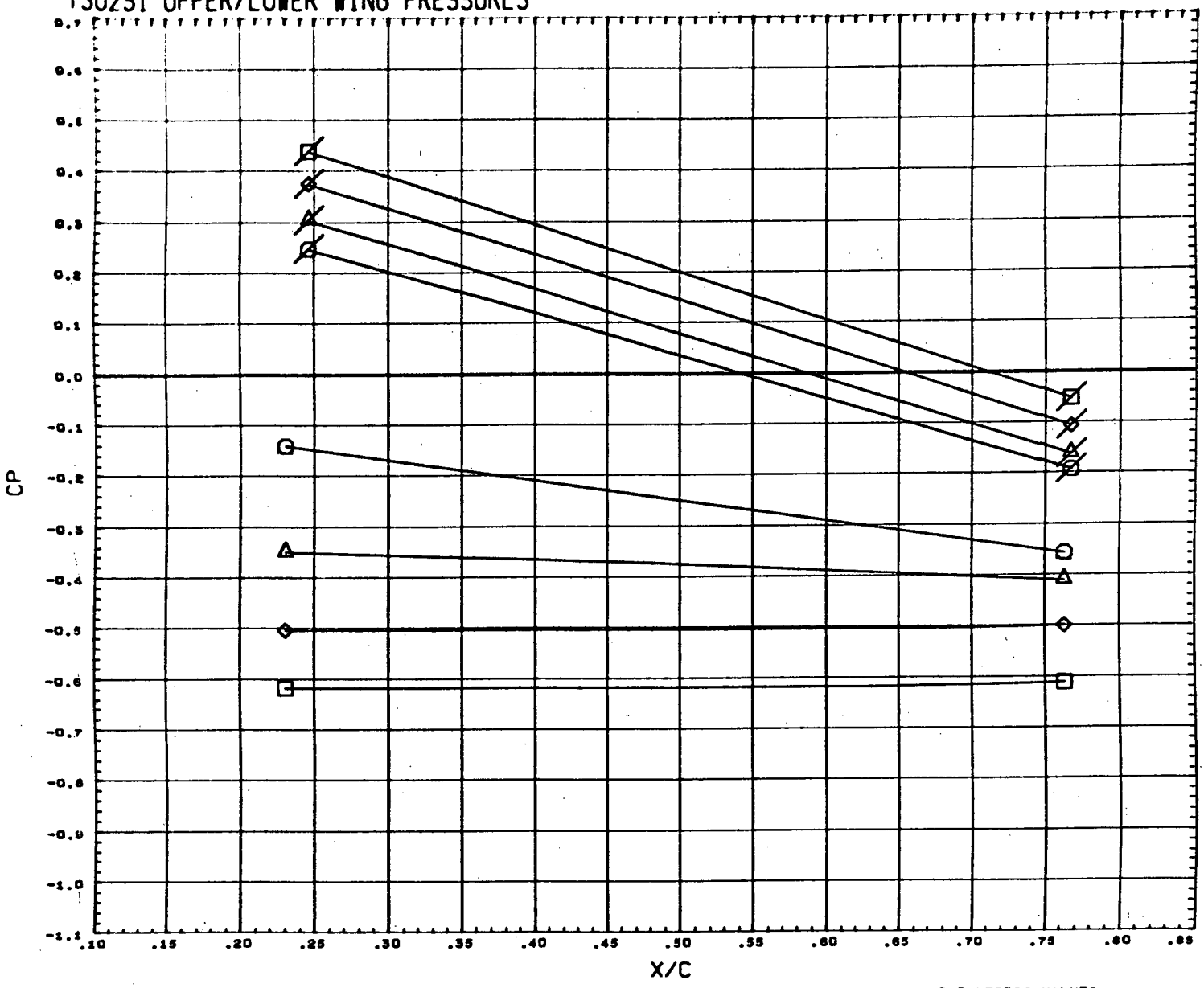
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.194
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.194
△	4.000		
◇	6.000		
□	8.000		

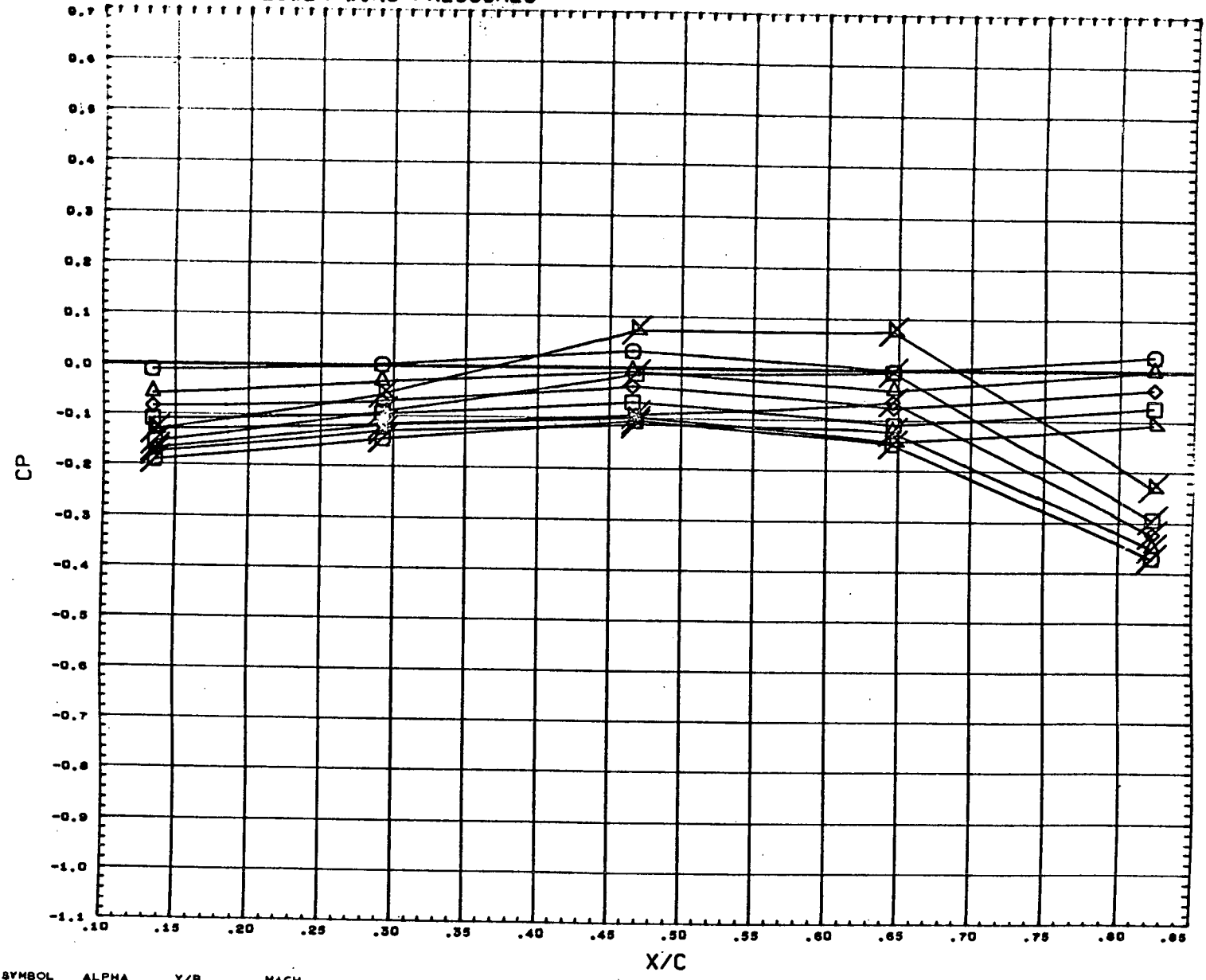
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



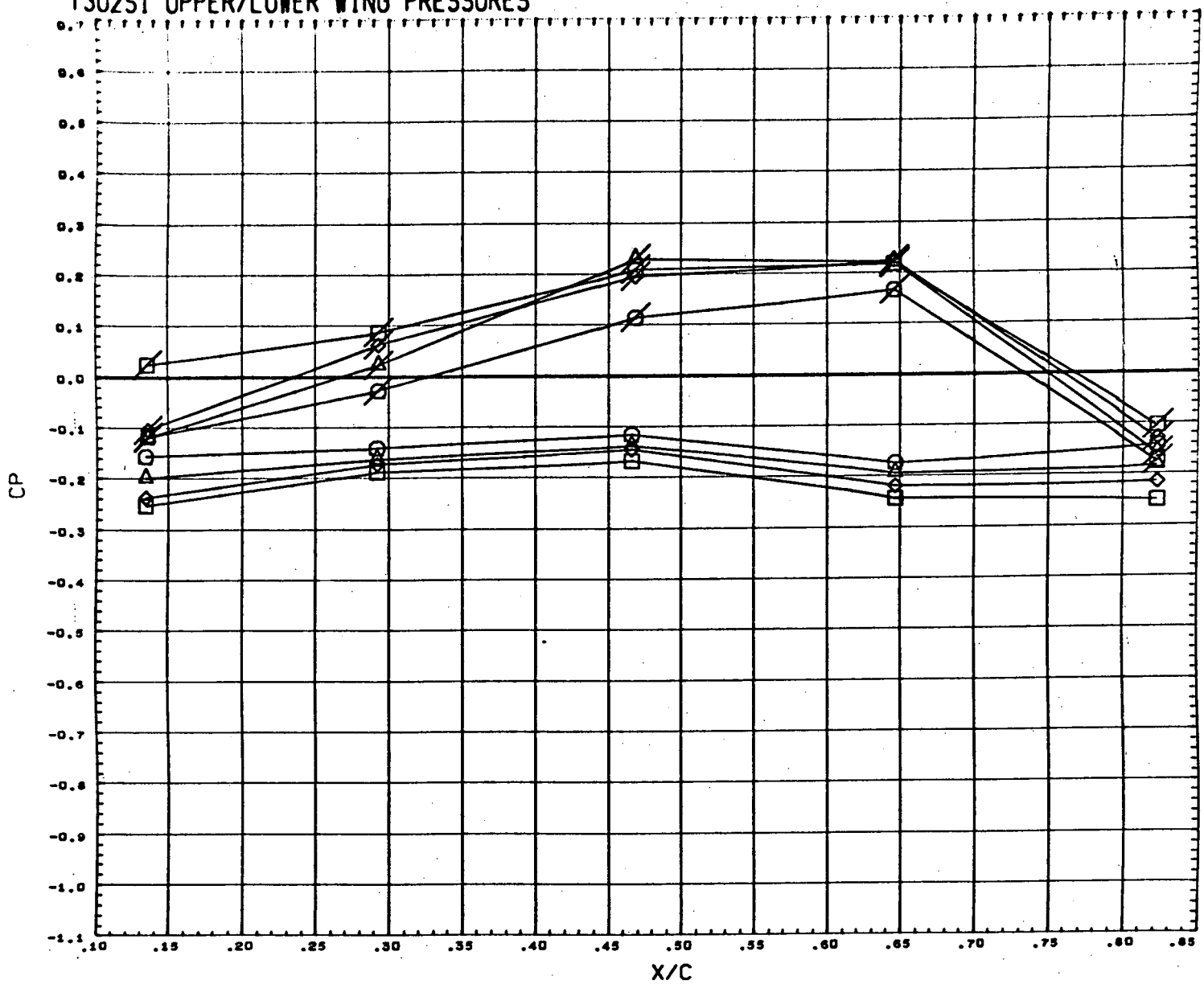
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.462
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



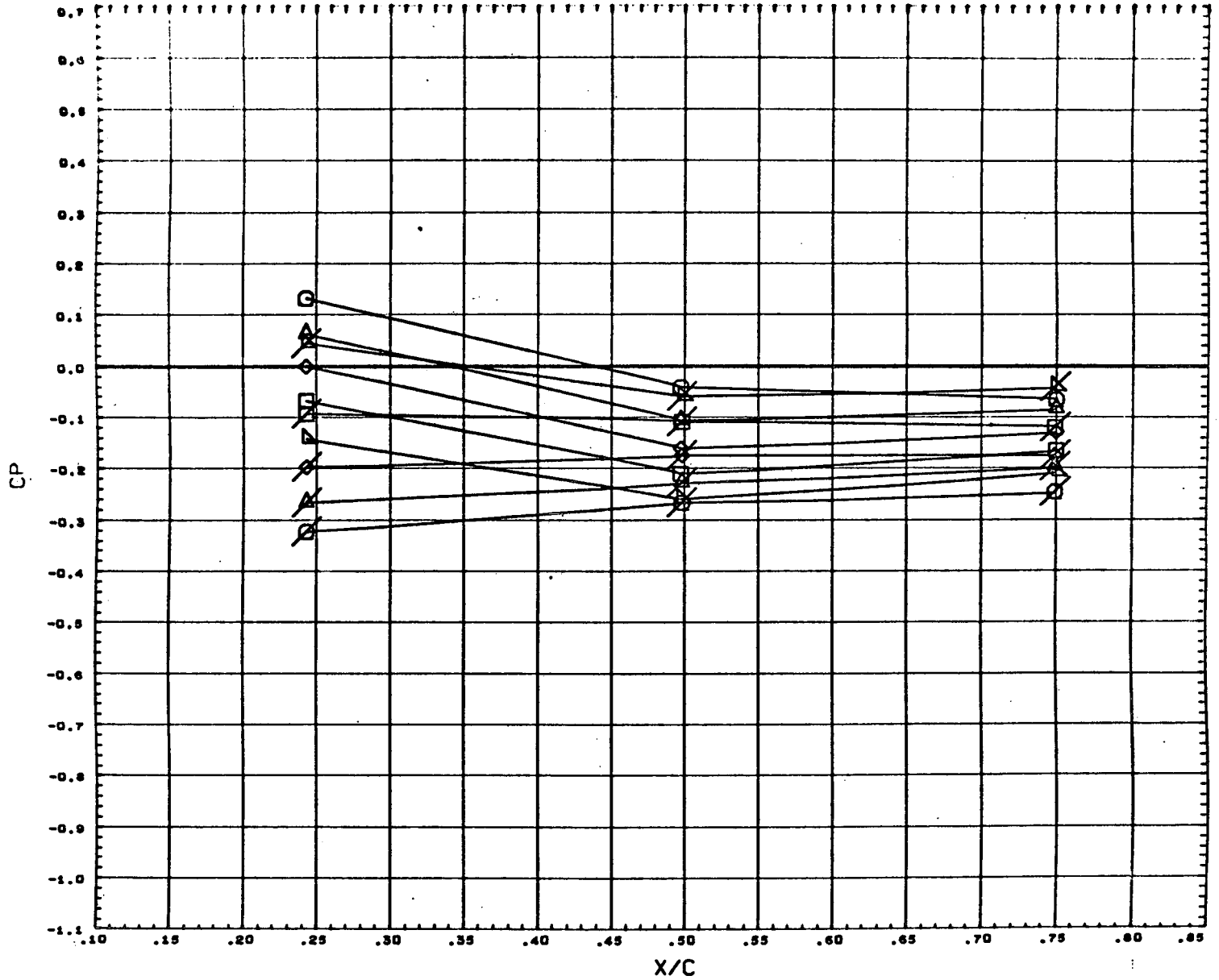
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.462
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.462
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

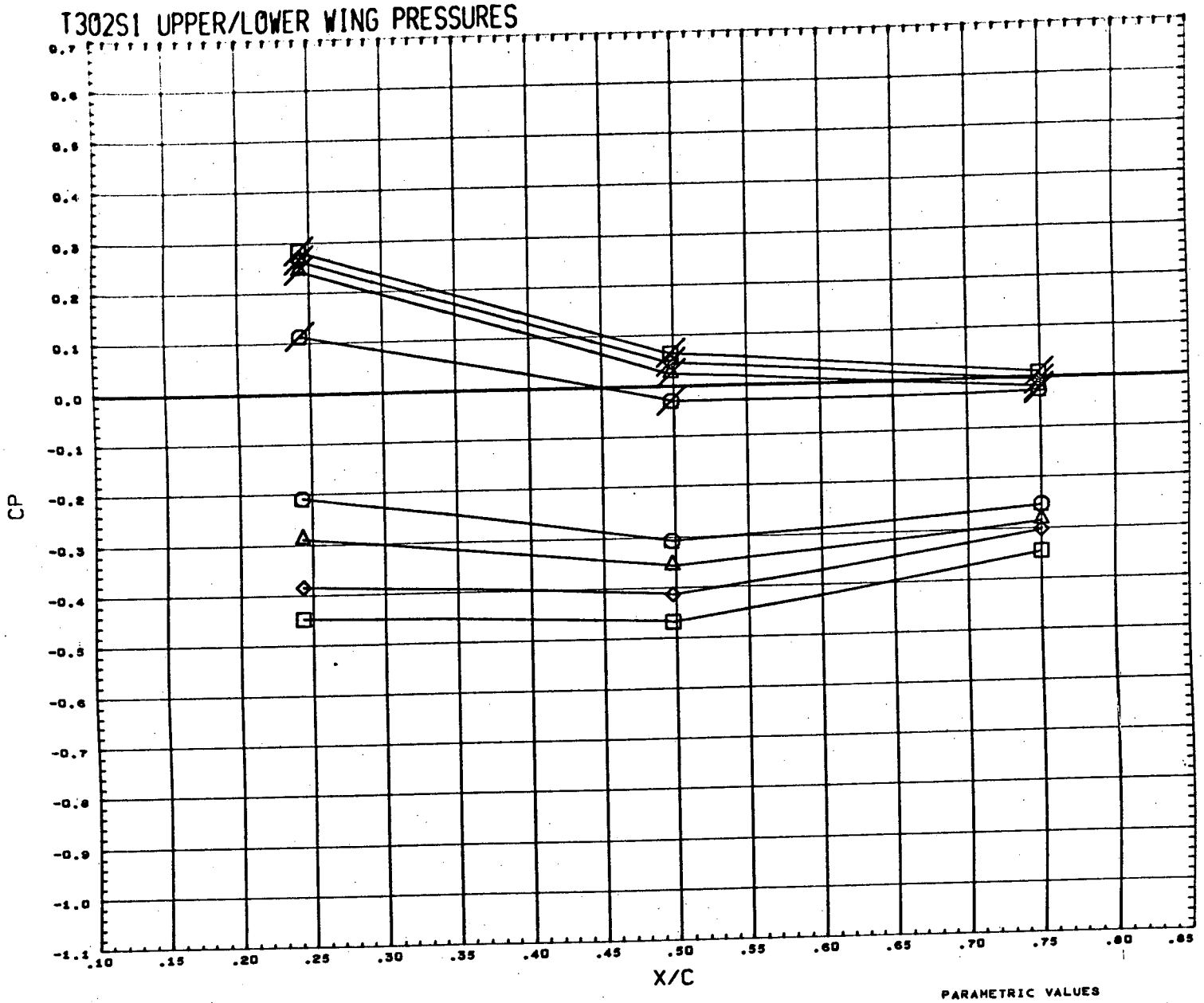
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.462
△	4.000		
◇	6.000		
□	8.000		

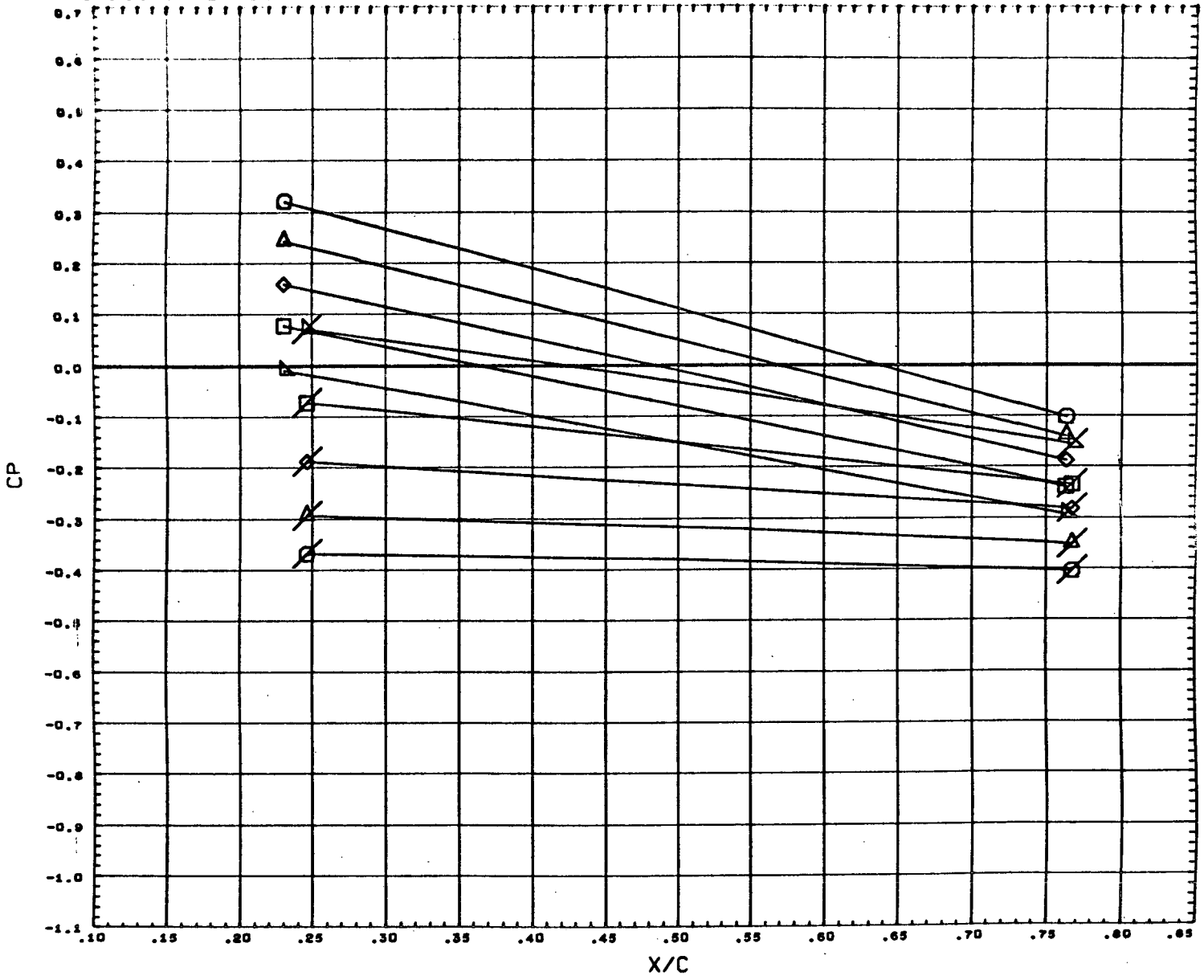
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



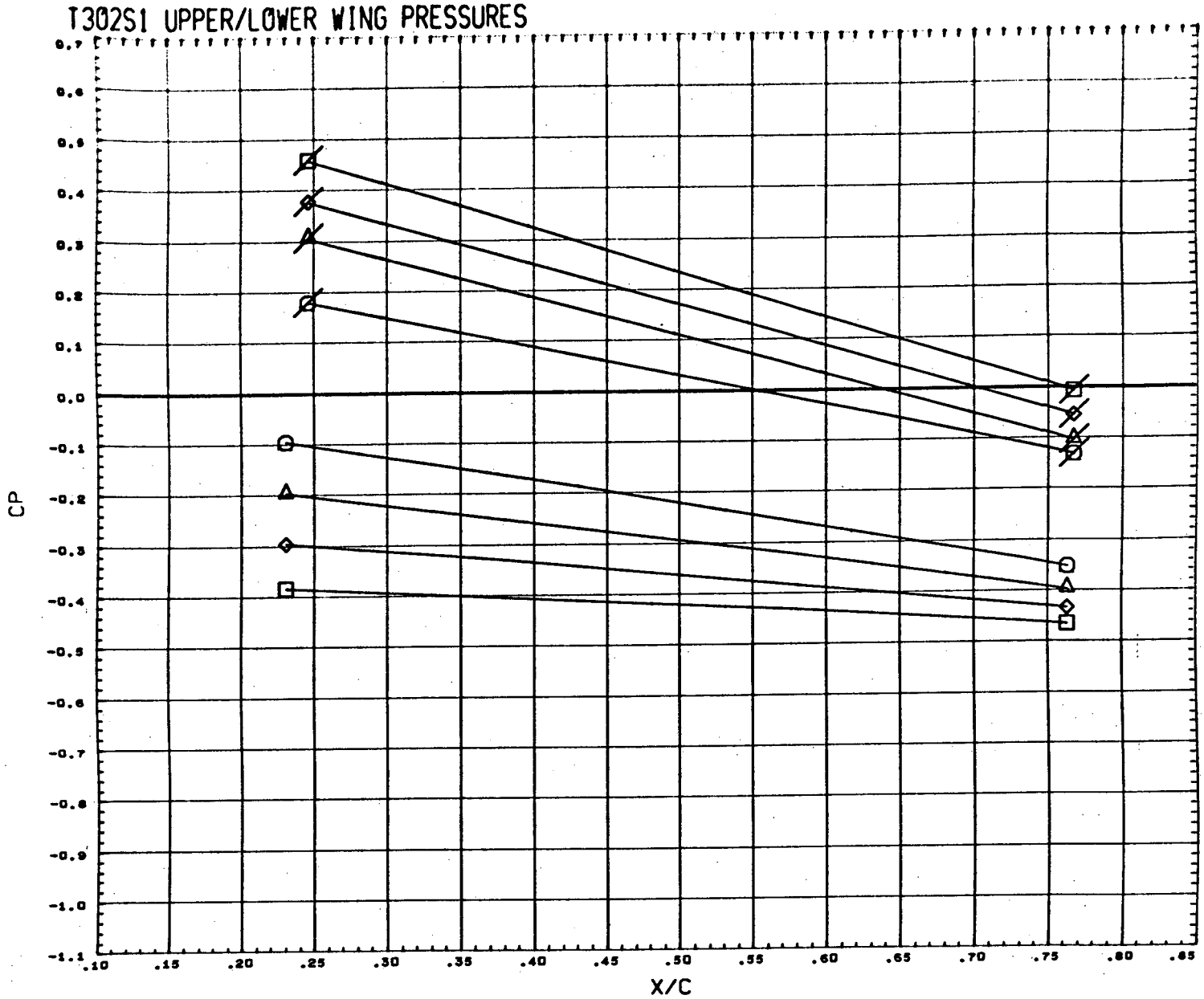
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.462
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



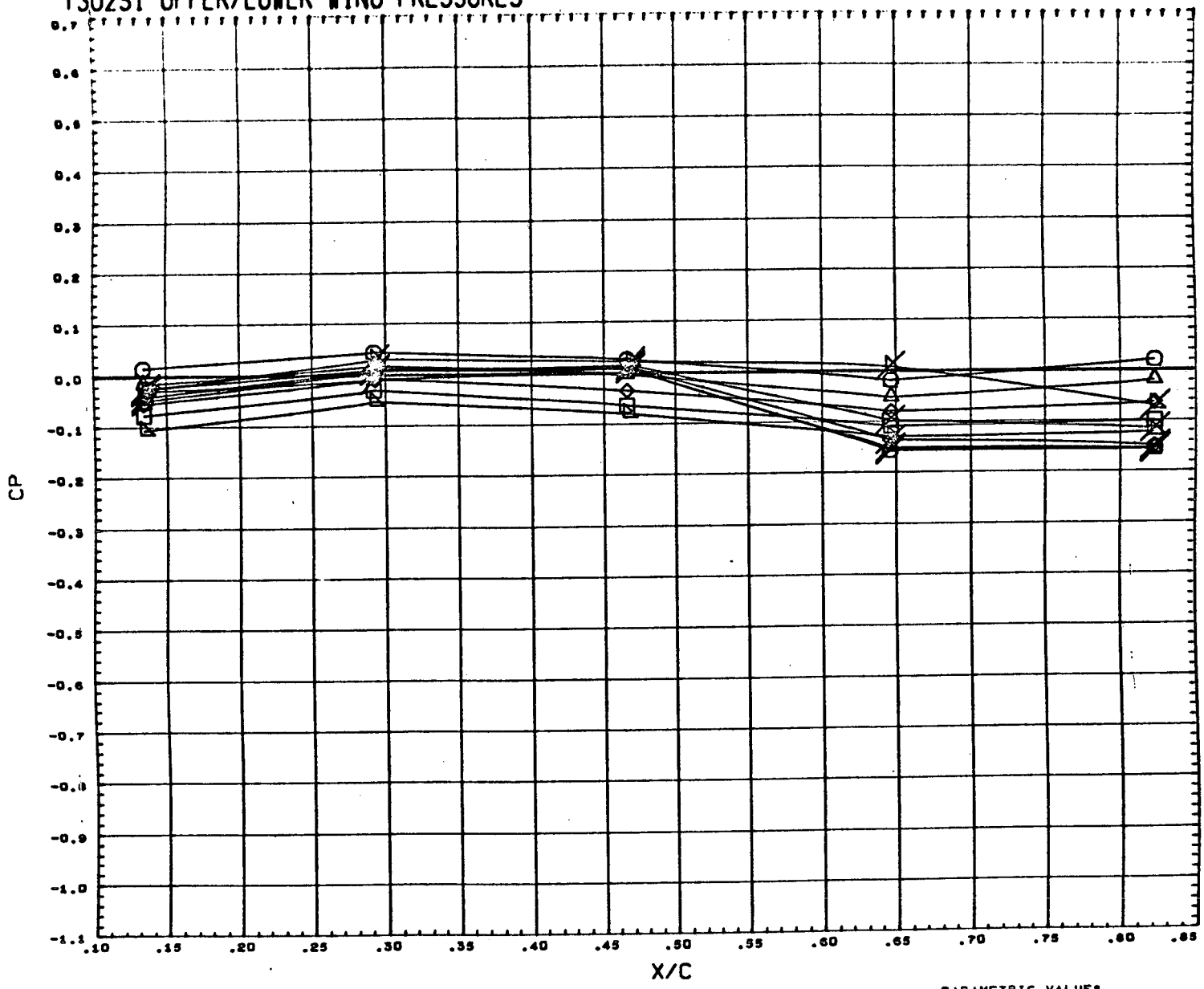
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.462
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



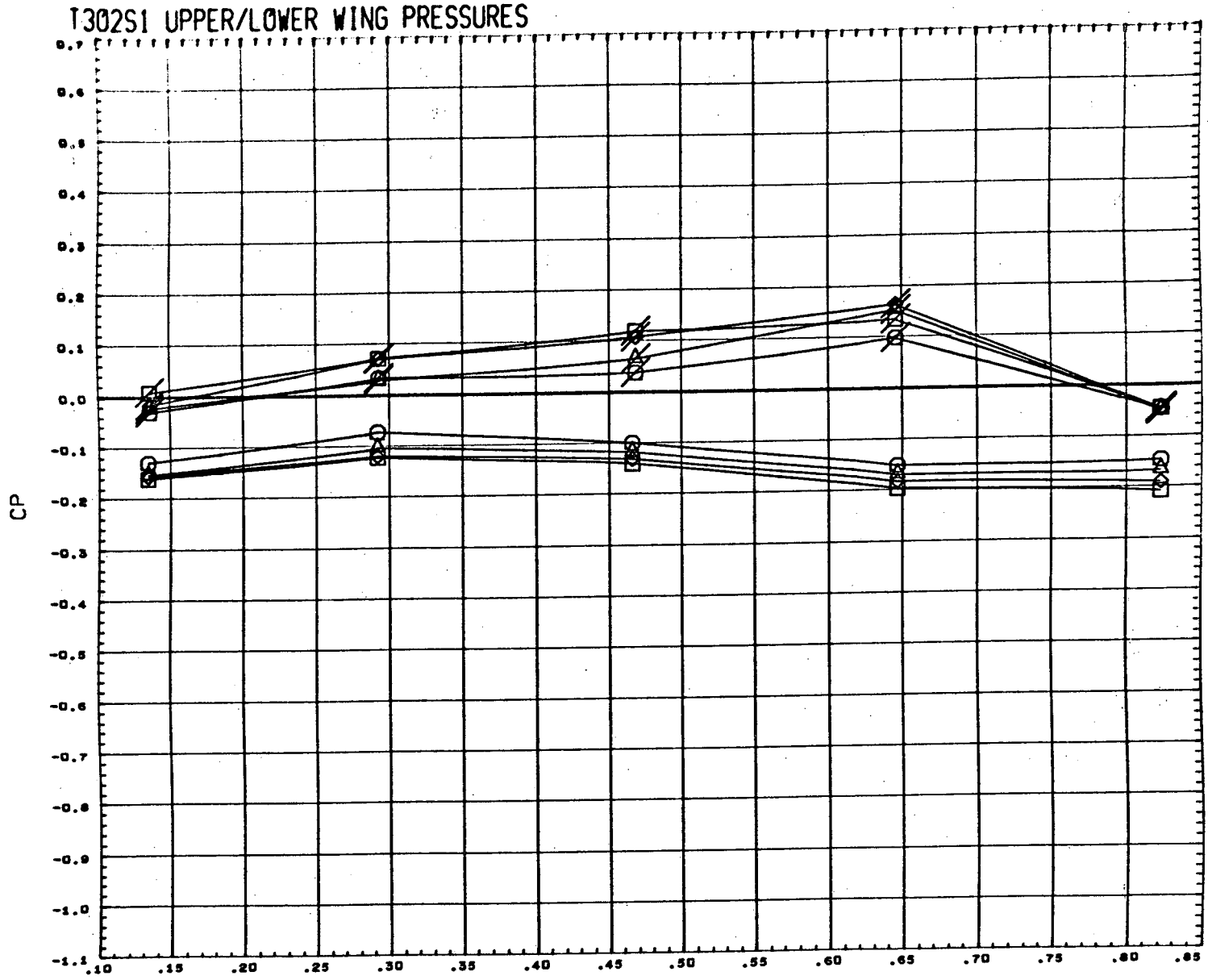
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.952
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



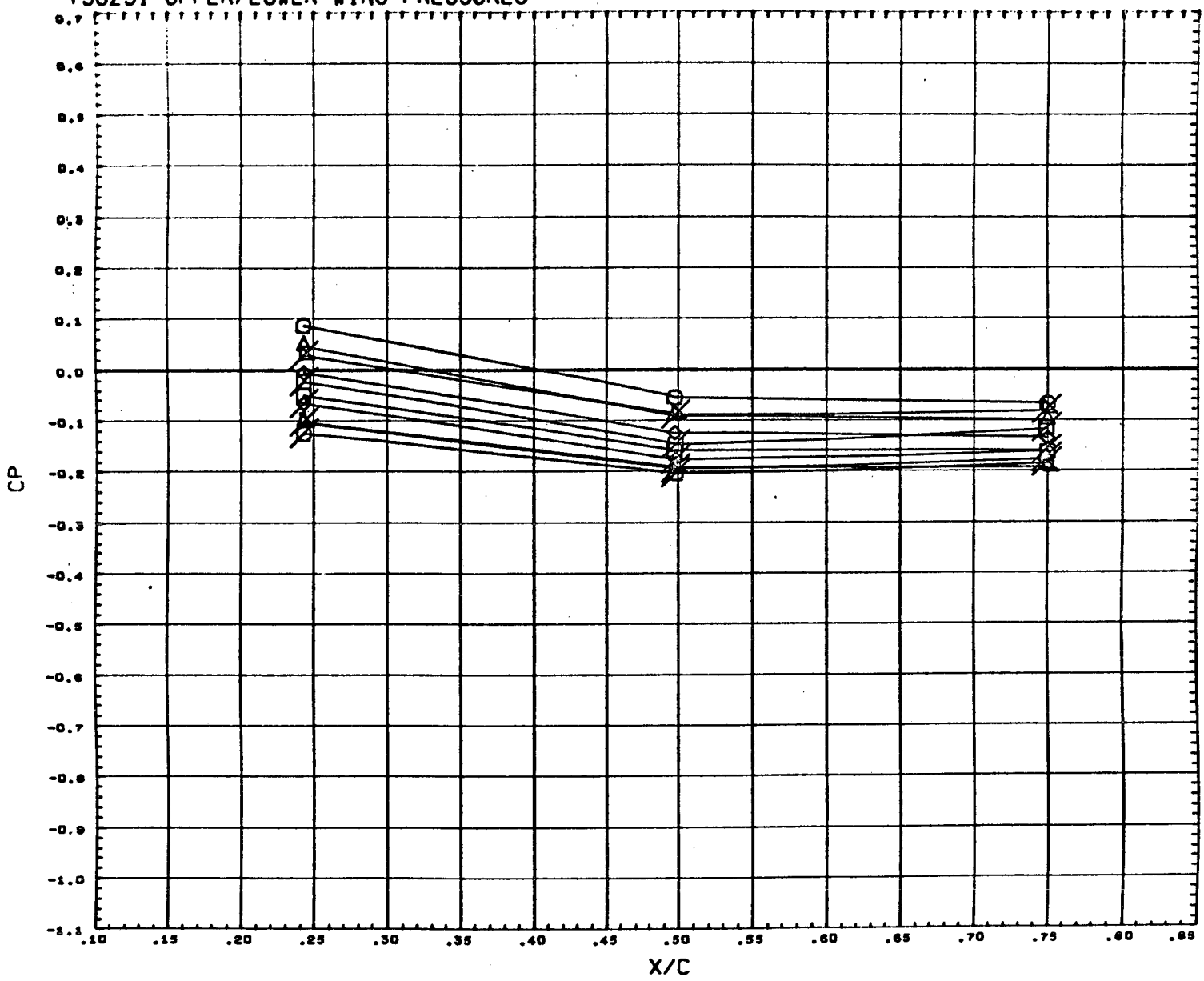
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.952
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



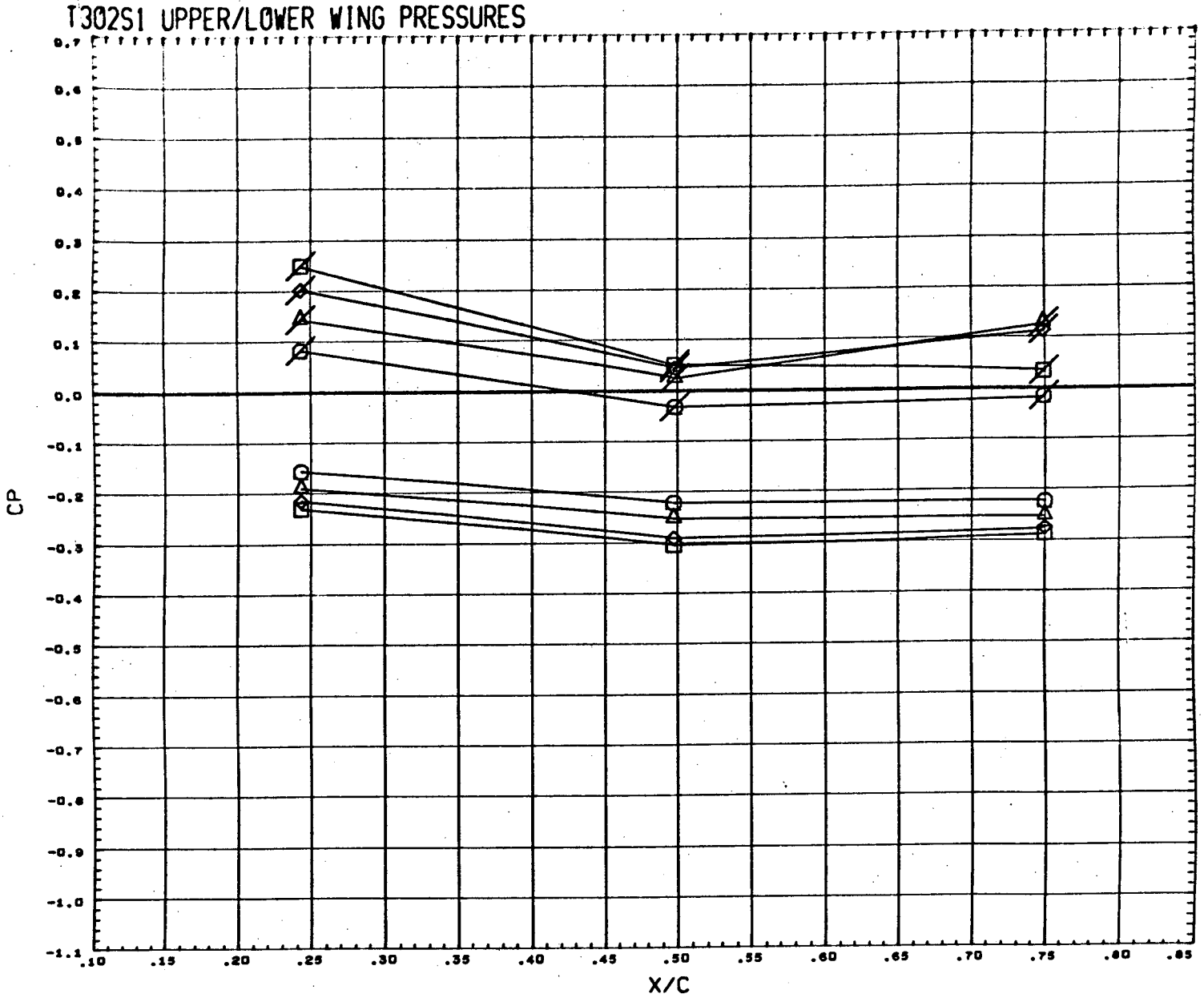
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.952
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↙	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



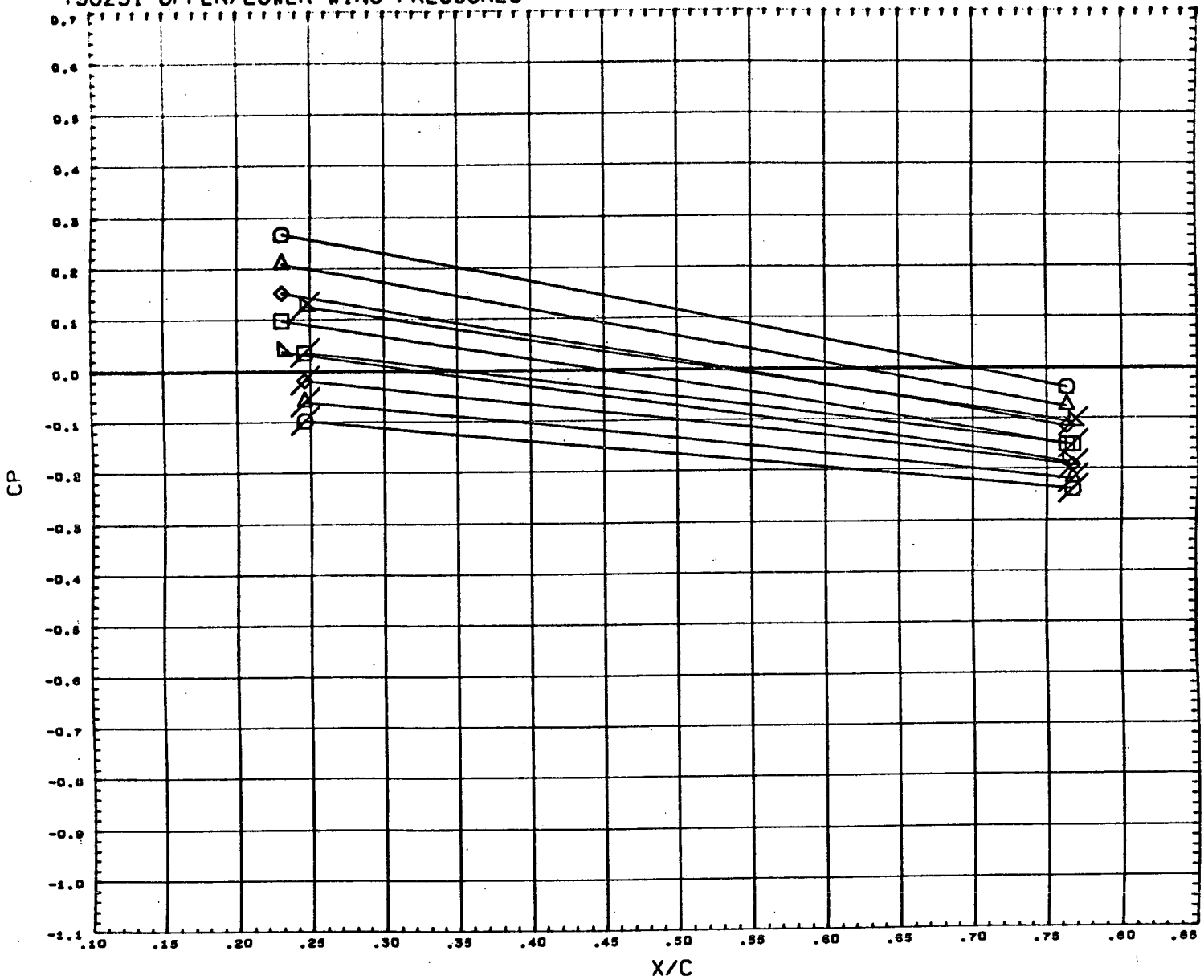
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.952
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



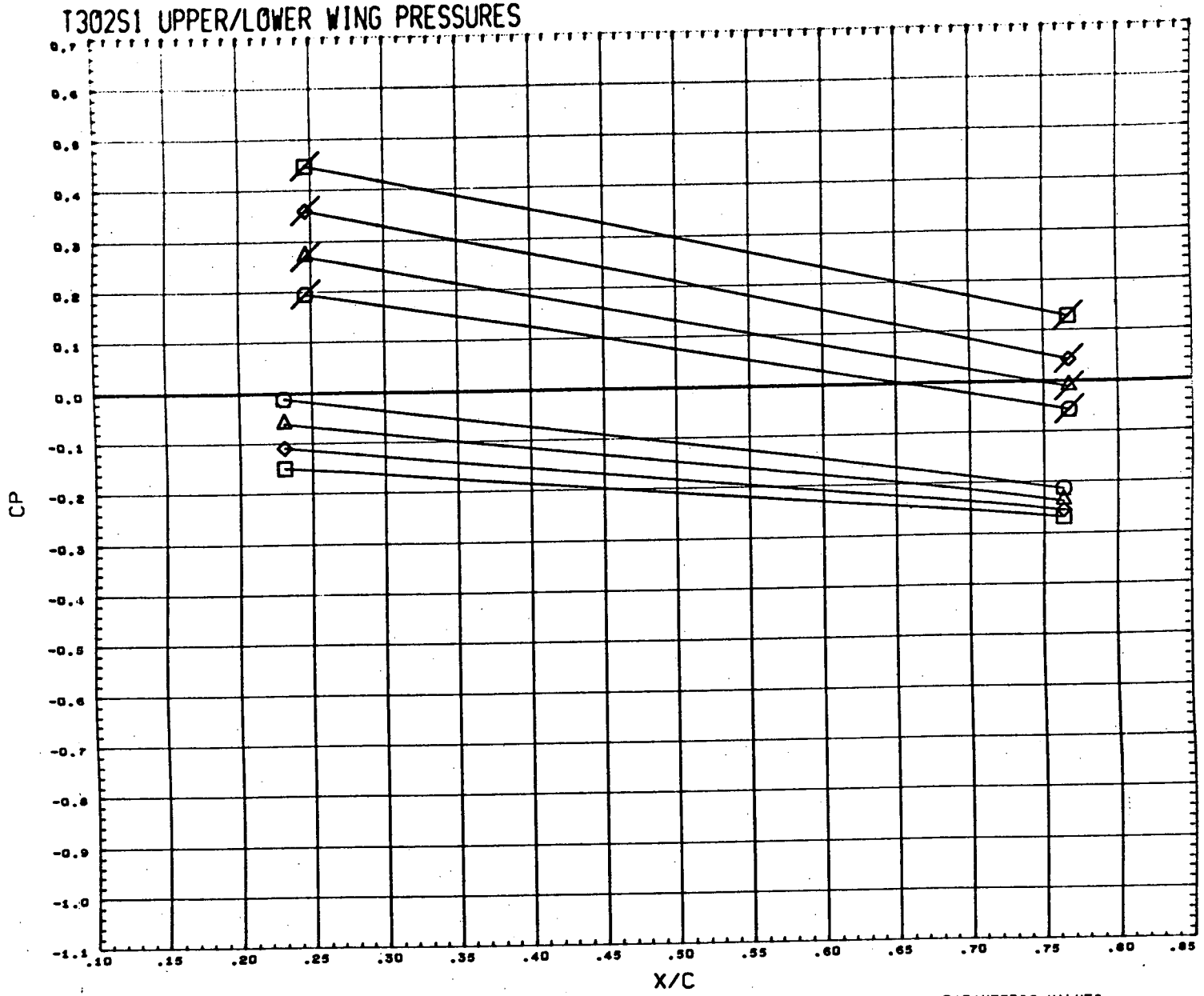
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.645	1.952
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.952
△	4.000		
◇	6.000		
□	8.000		

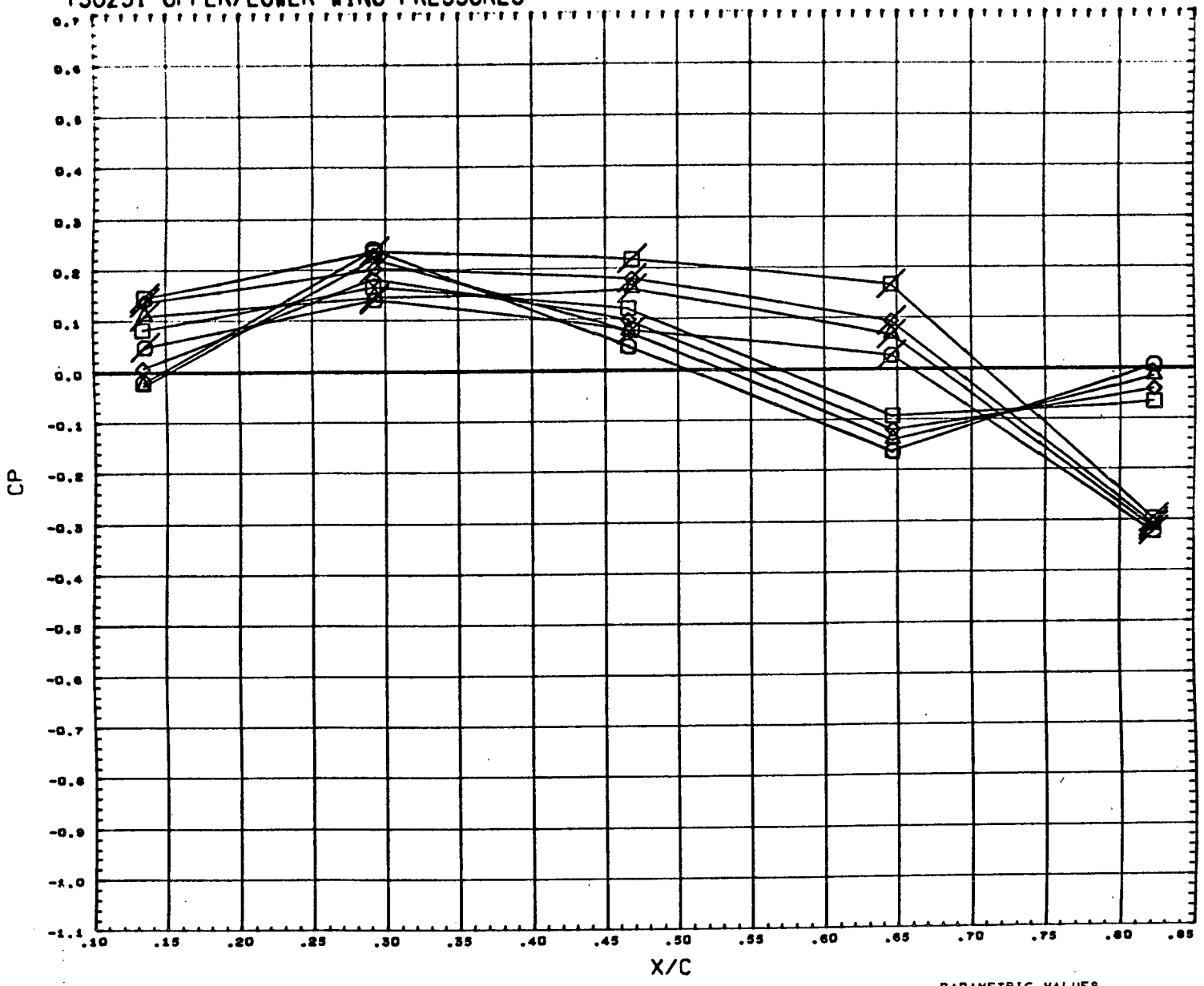
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73015)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73015)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

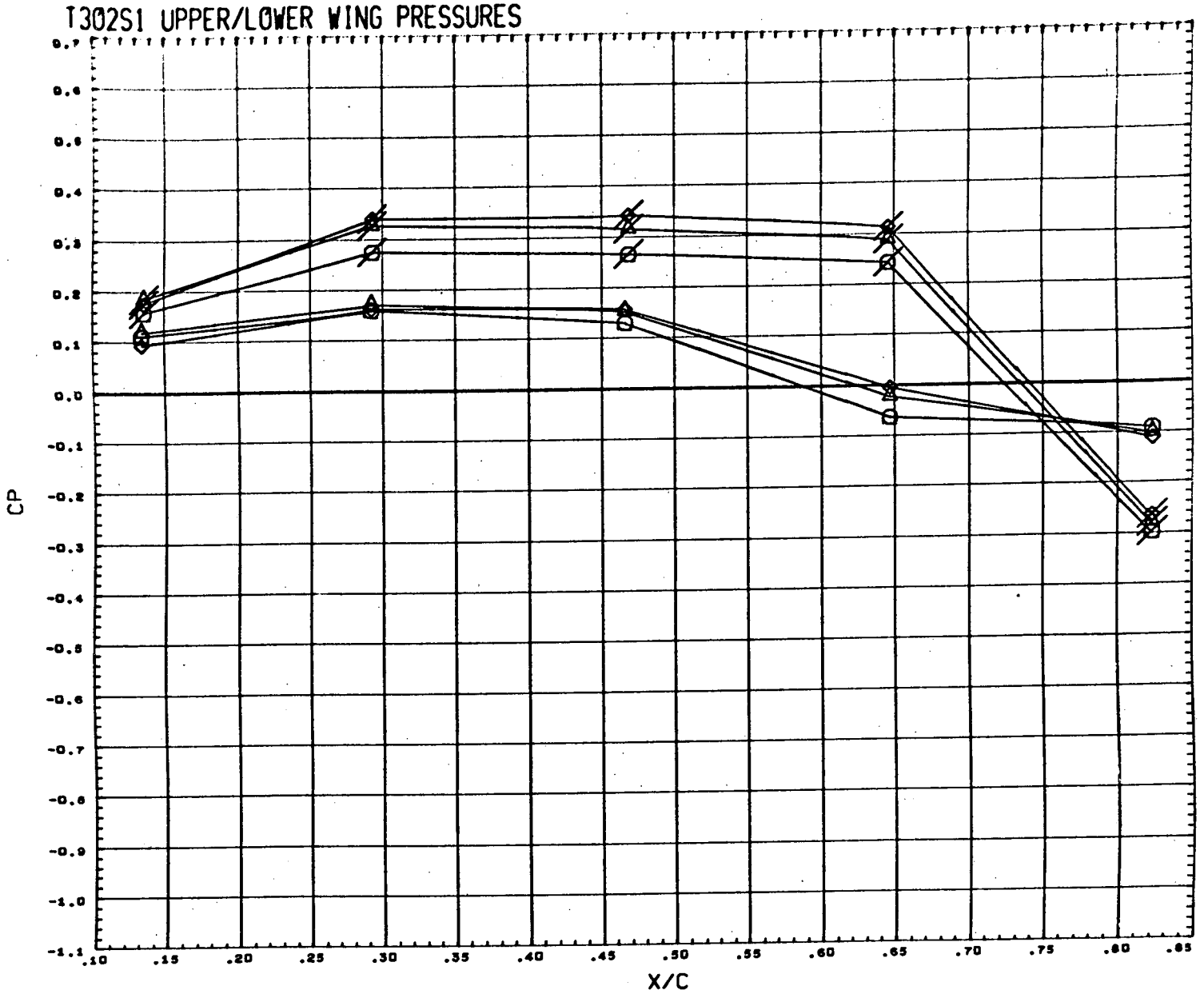
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



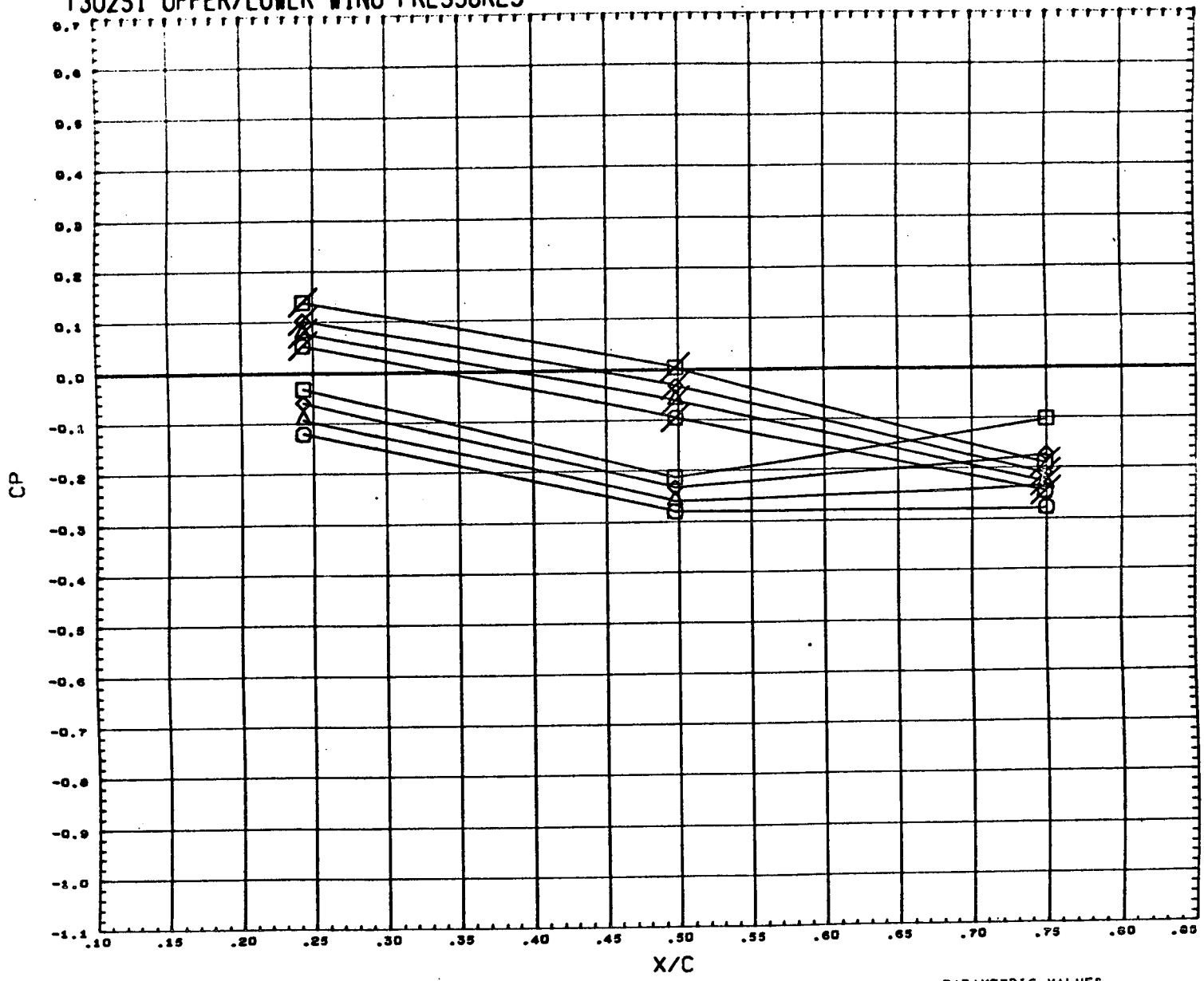
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



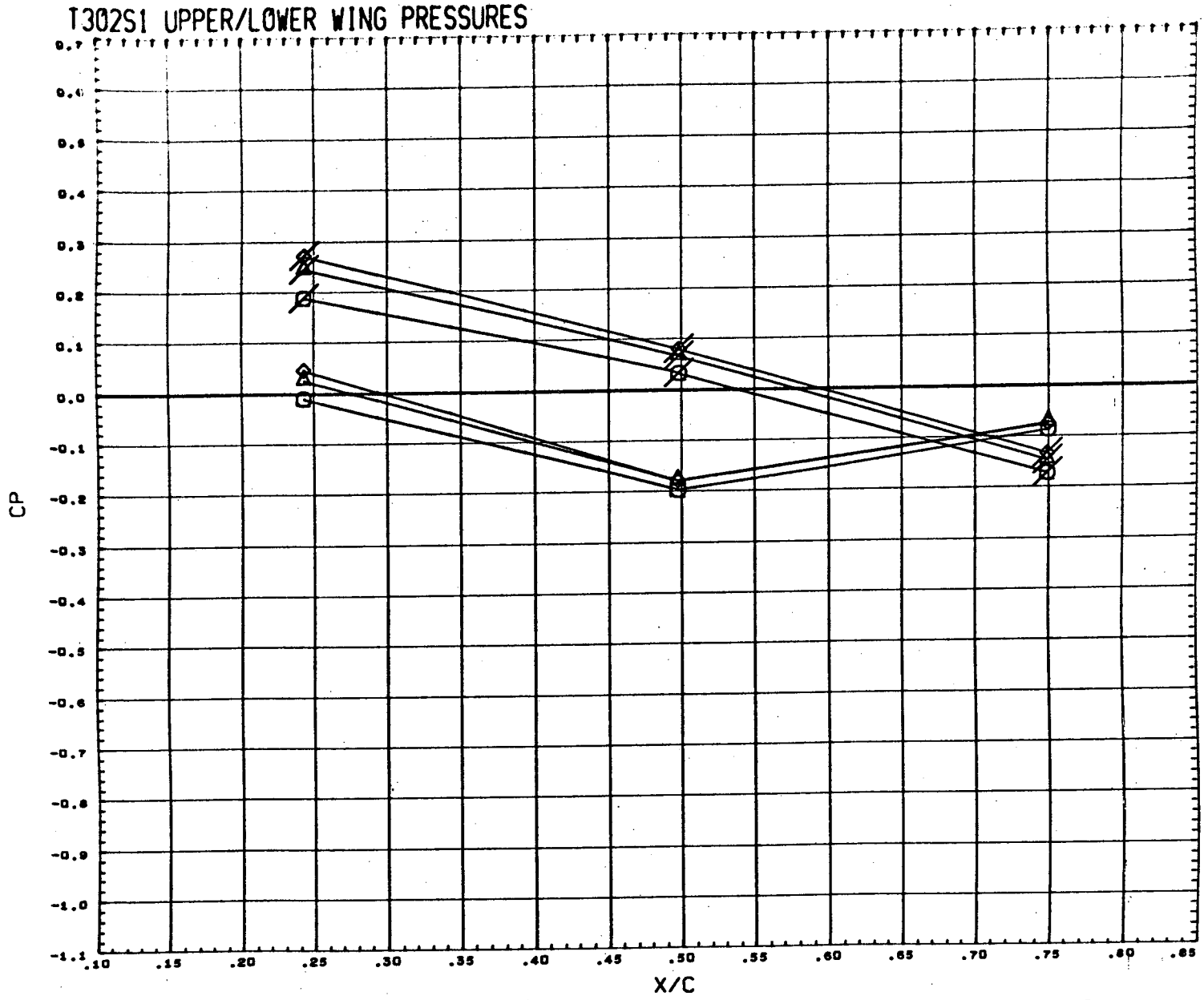
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.194
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



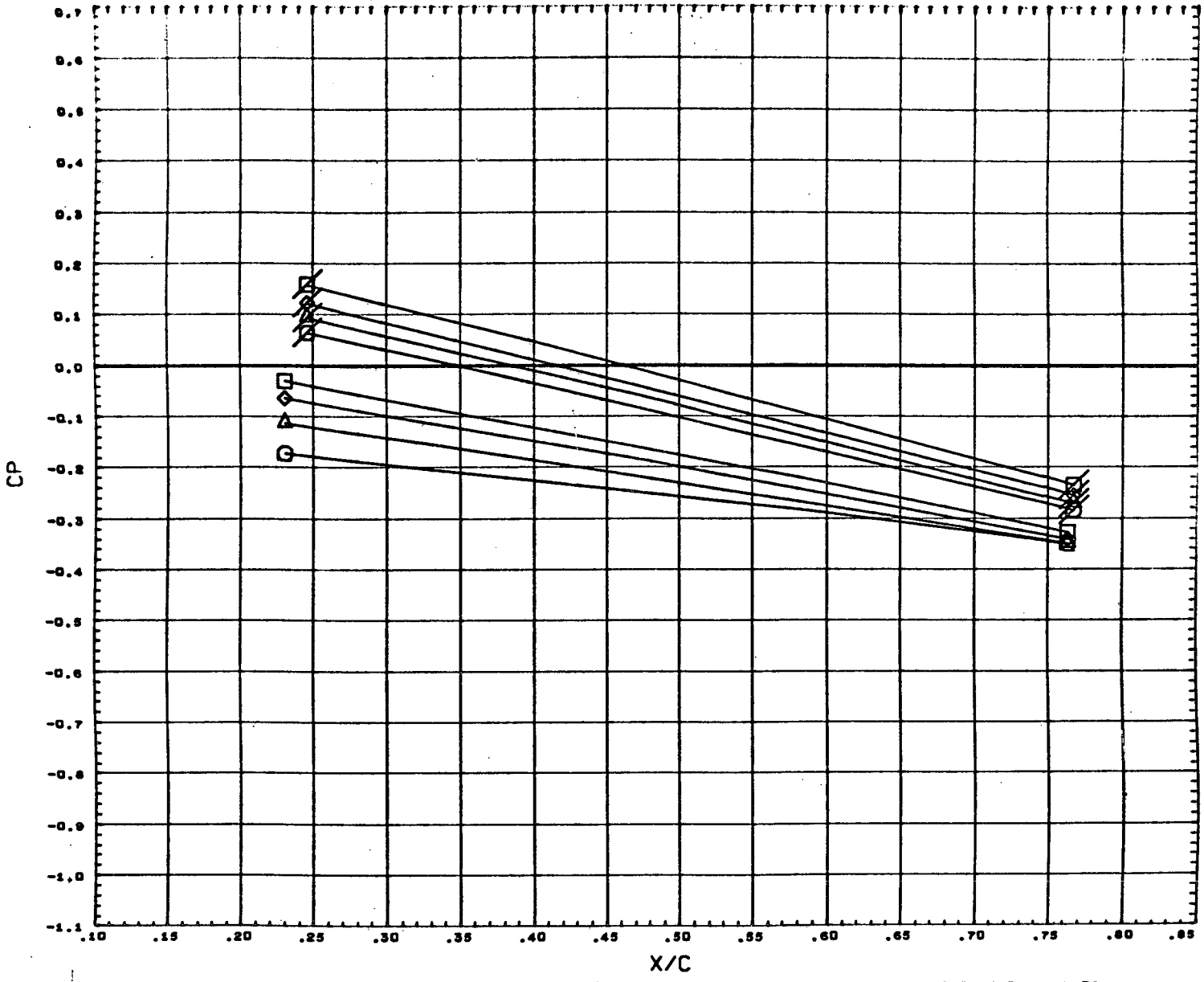
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



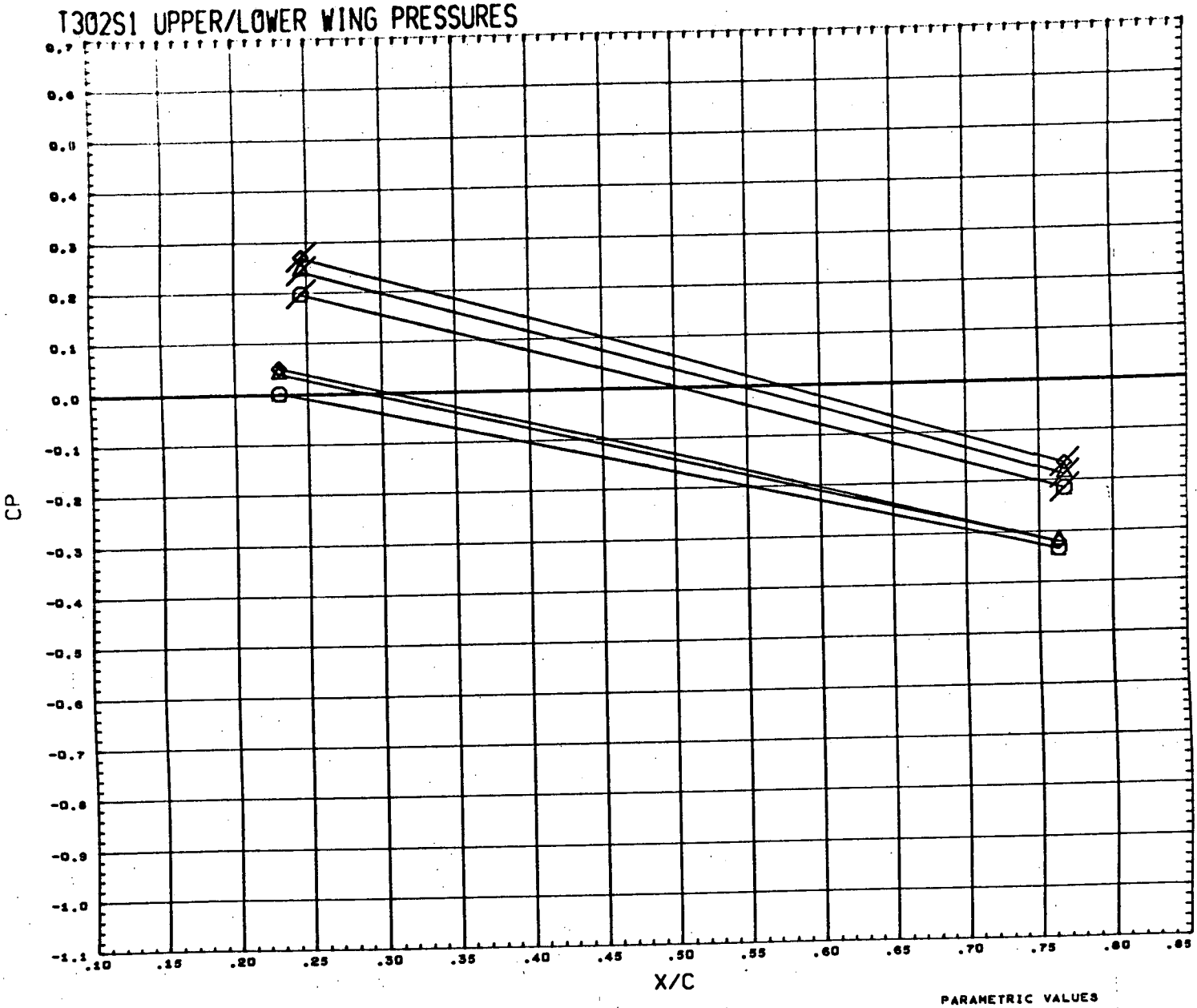
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.194
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



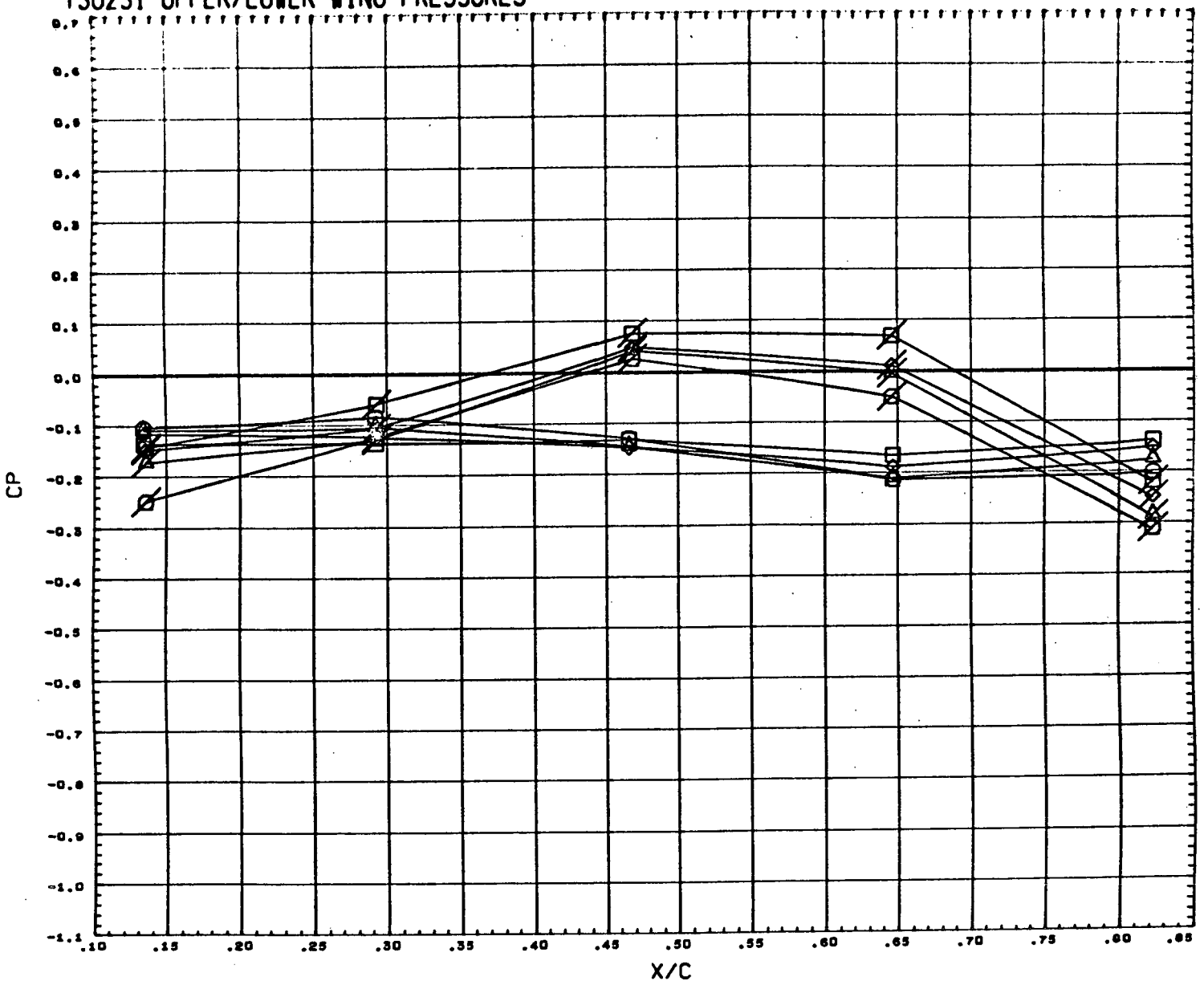
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.461
△	- 4.000		
◇	- 2.000		
□	0.000		

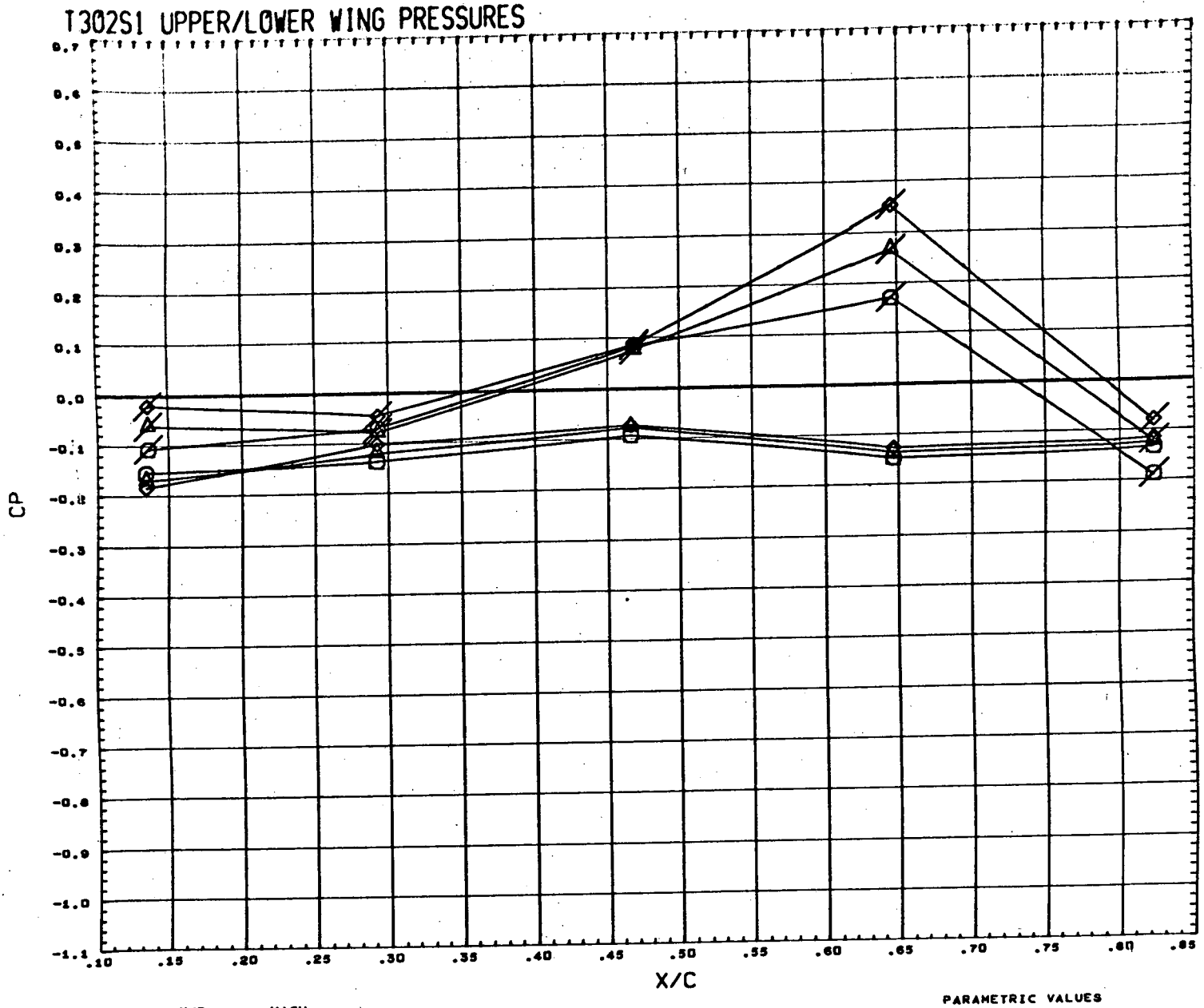
PARAMETRIC VALUES

ALPHA 0.000 ORBINC : 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



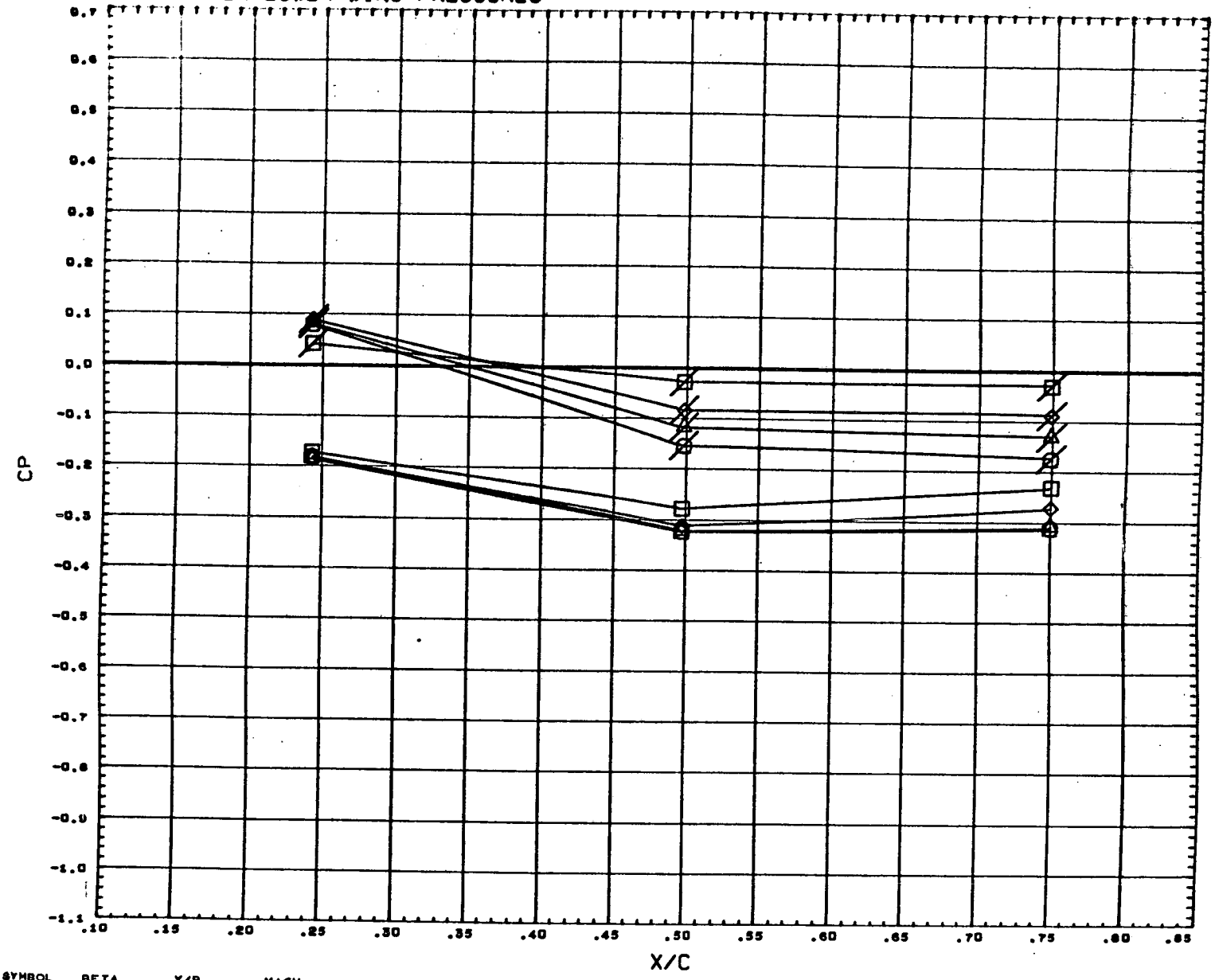
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.461
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



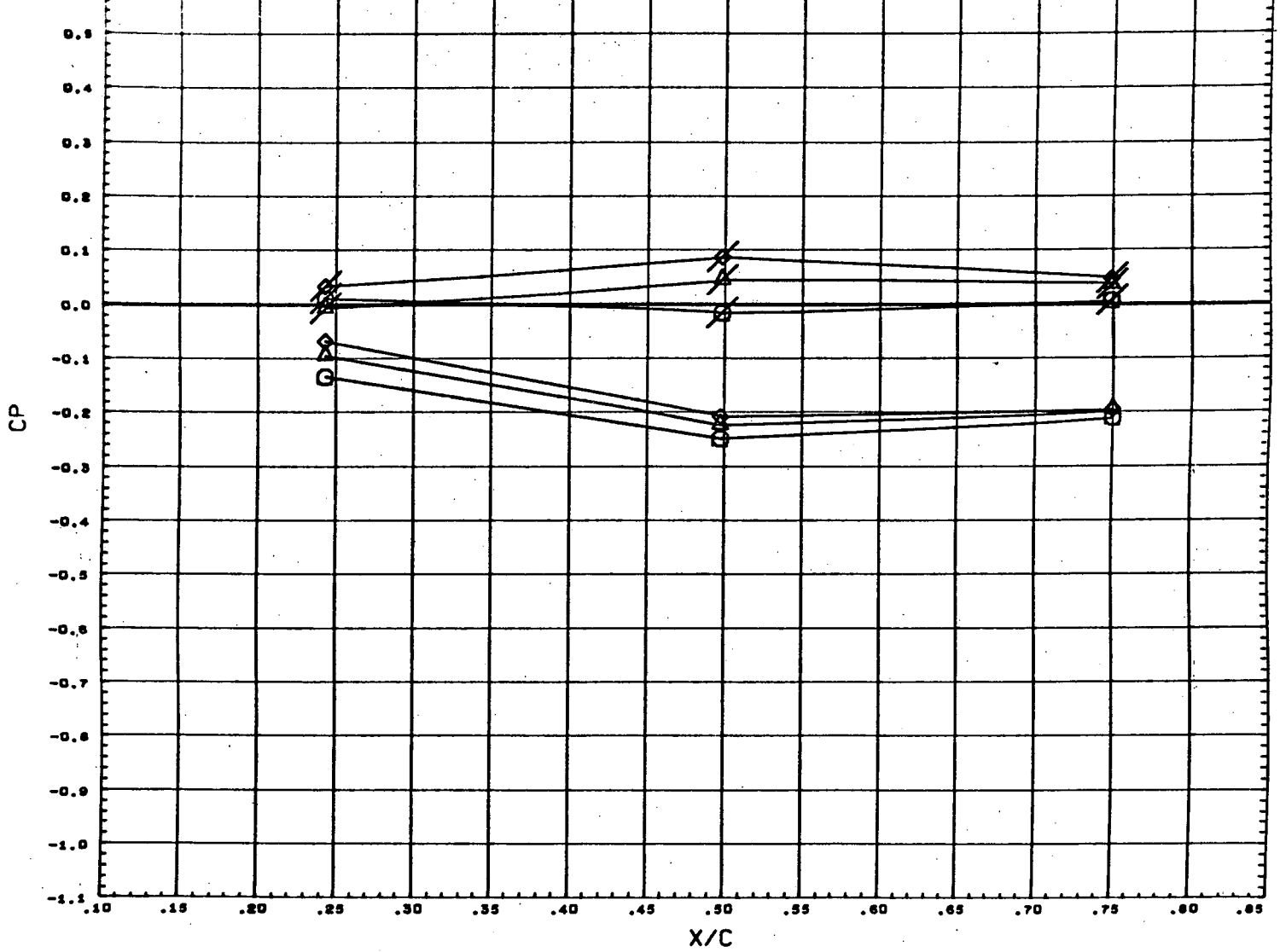
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.461
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.461
△	4.000		
◇	6.000		

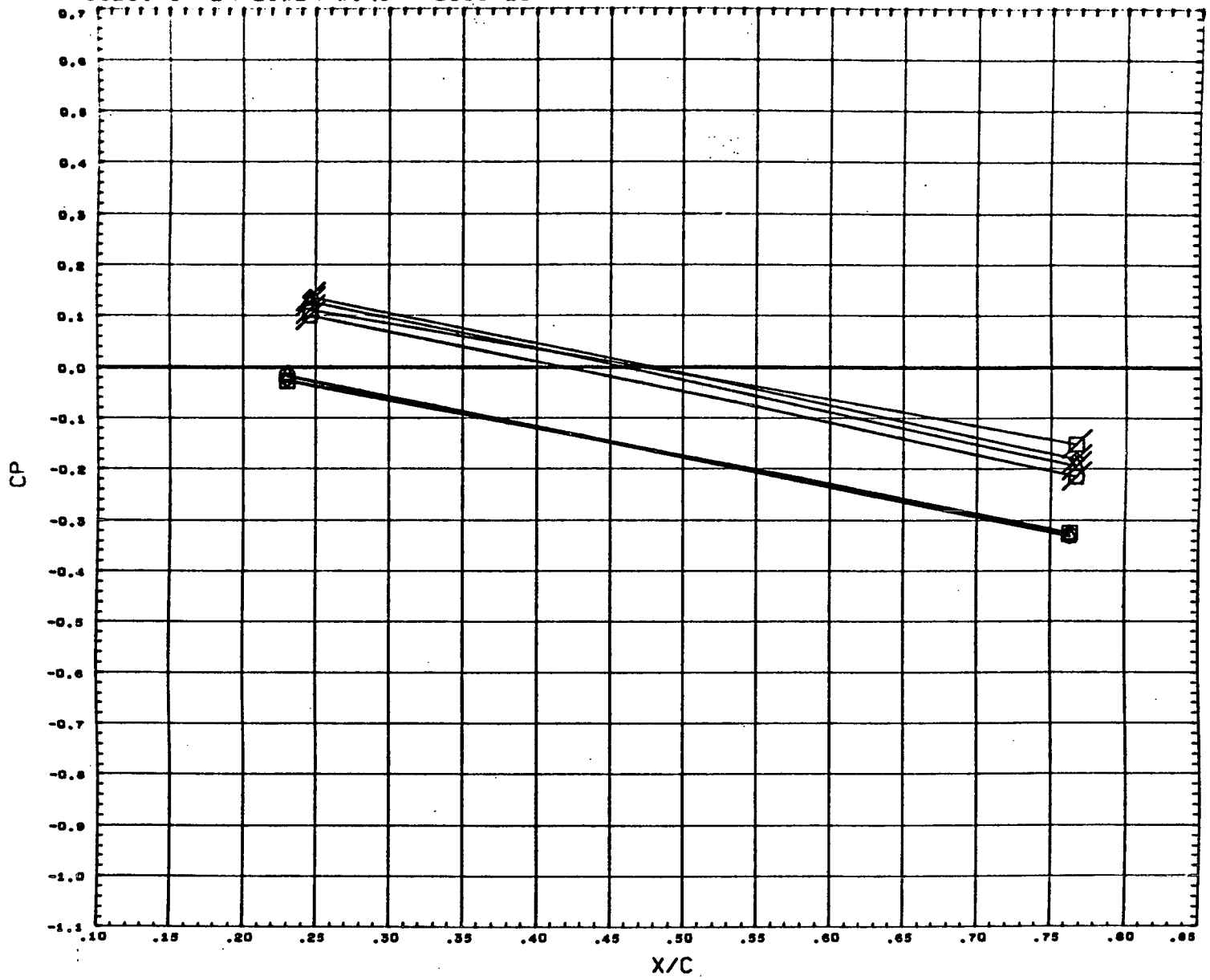
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

E

T302S1 UPPER/LOWER WING PRESSURES



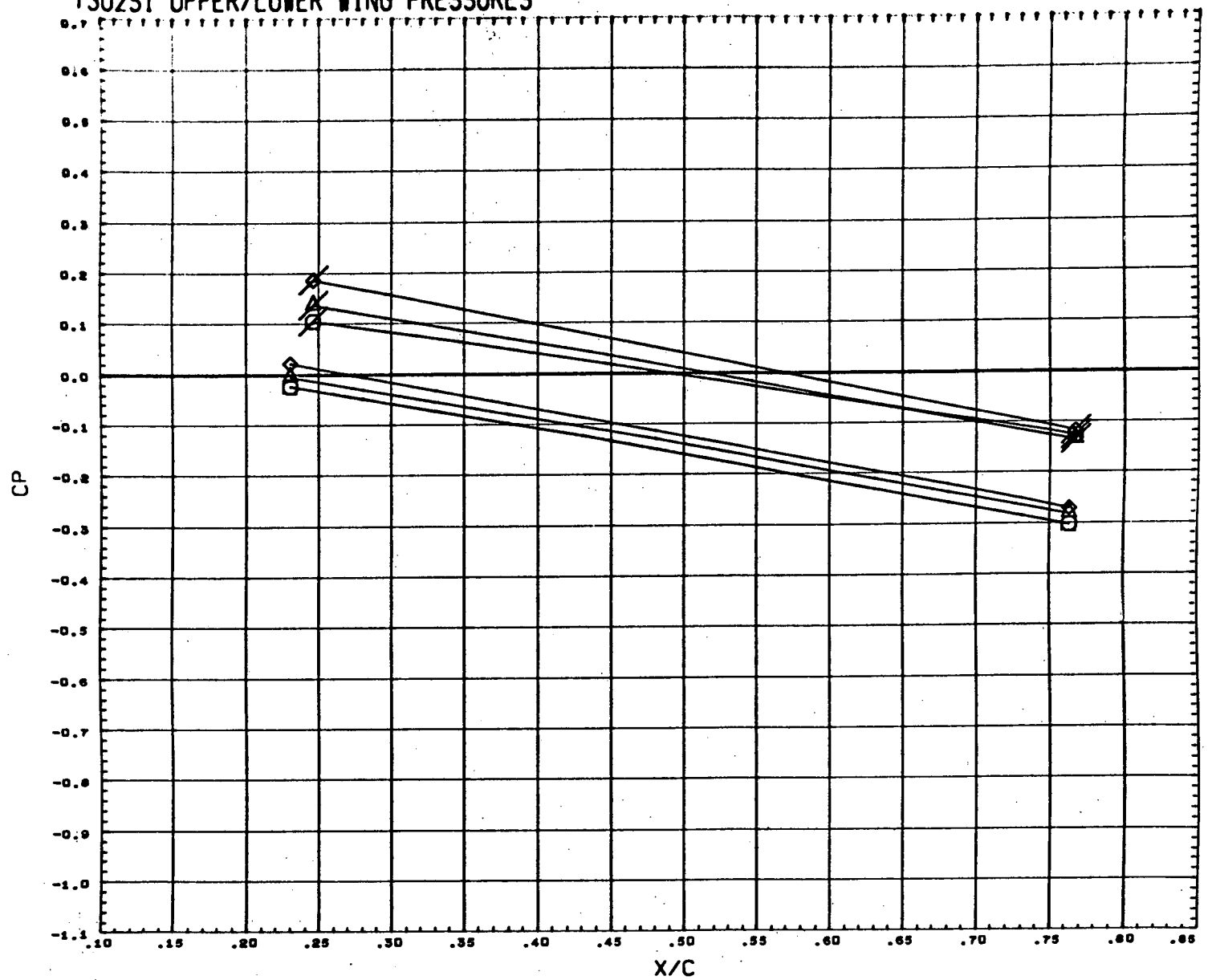
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.461
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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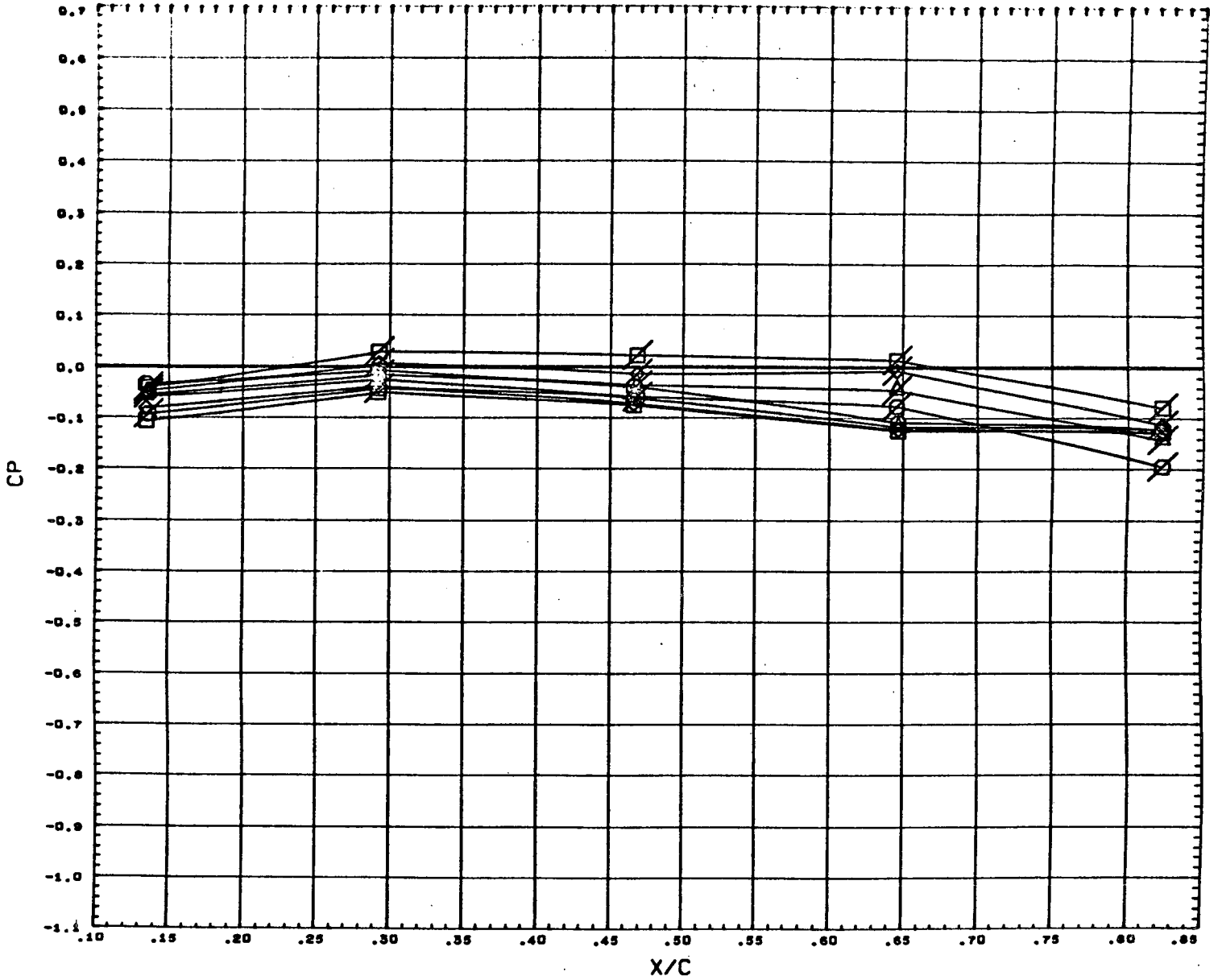
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



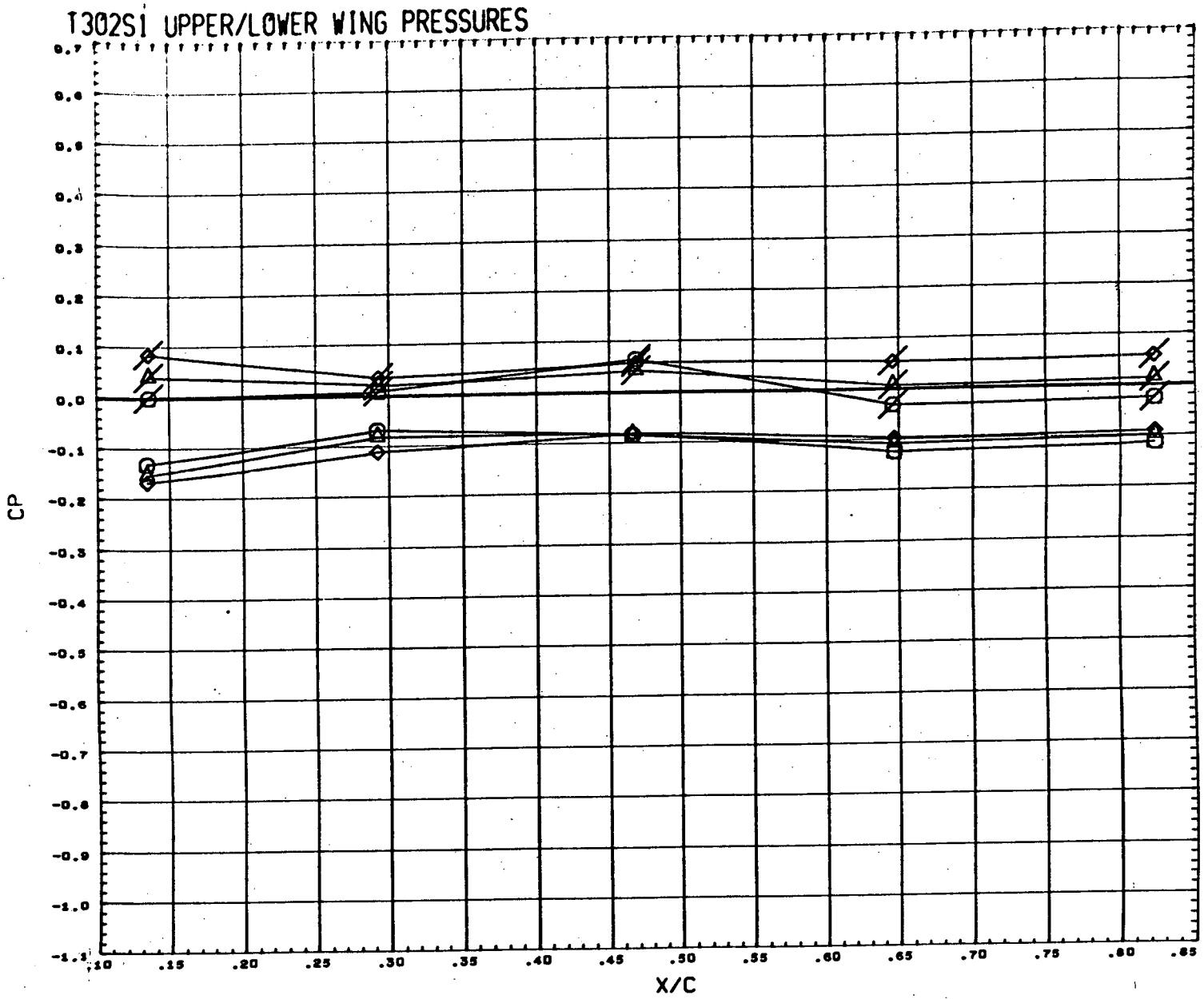
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.955
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



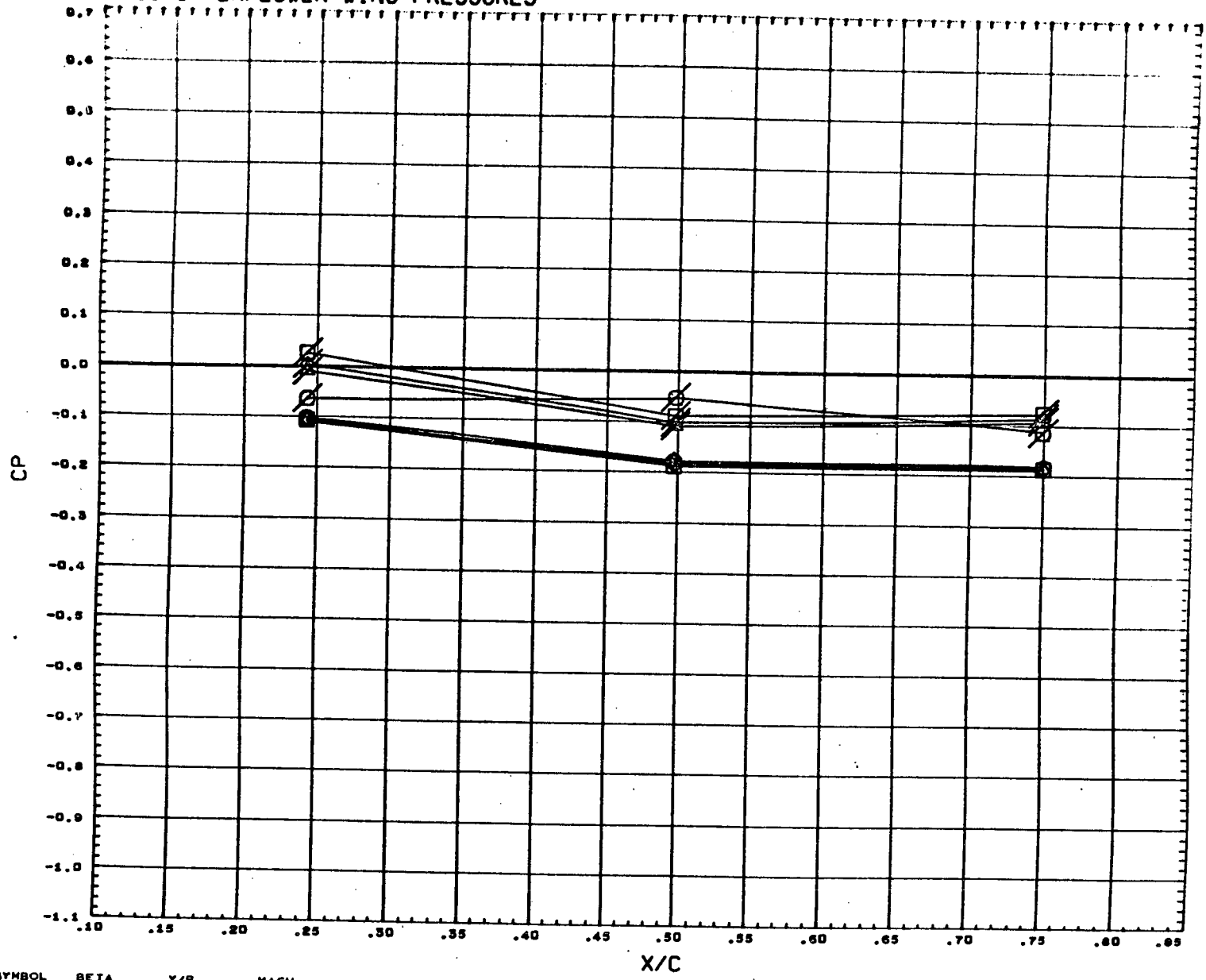
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.955
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



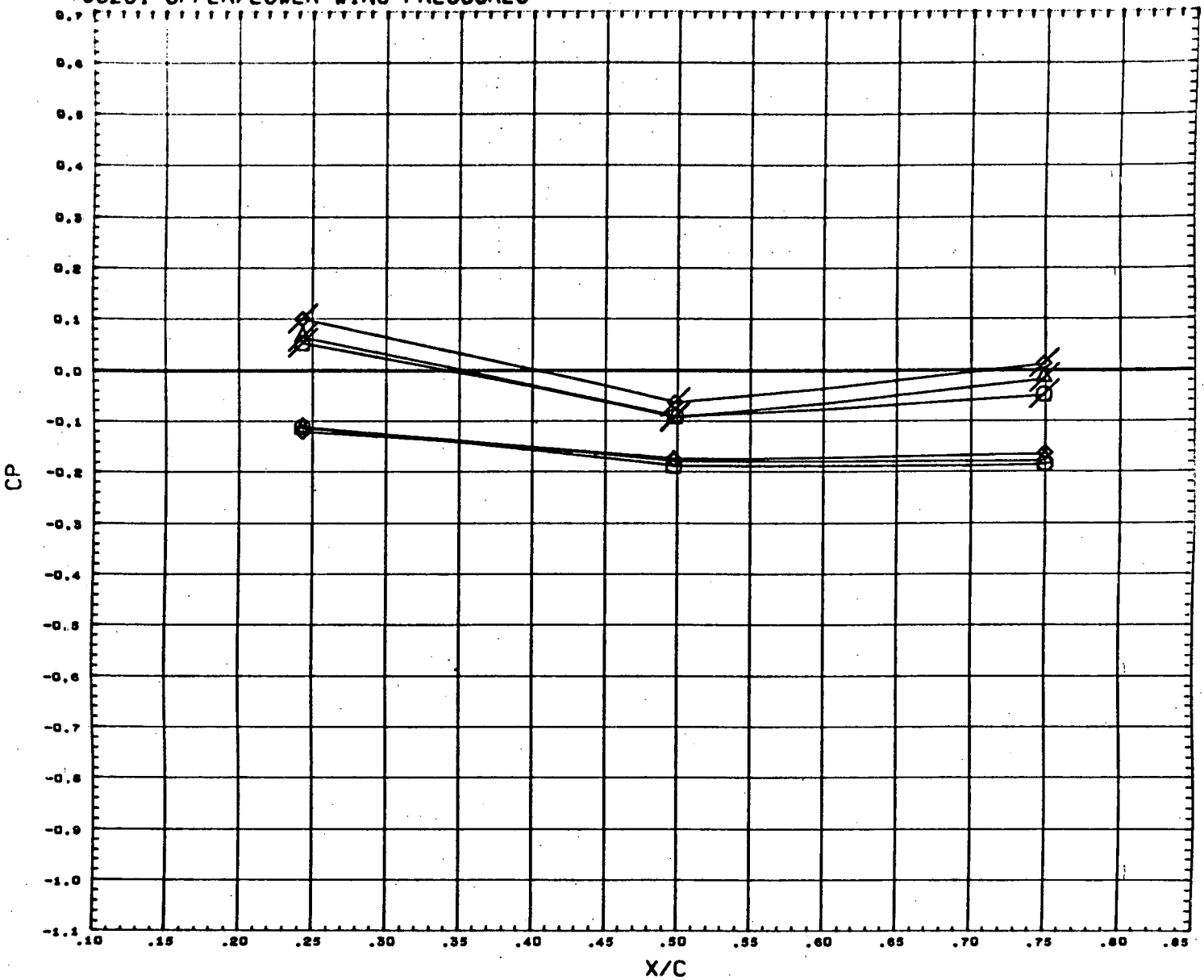
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.955
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



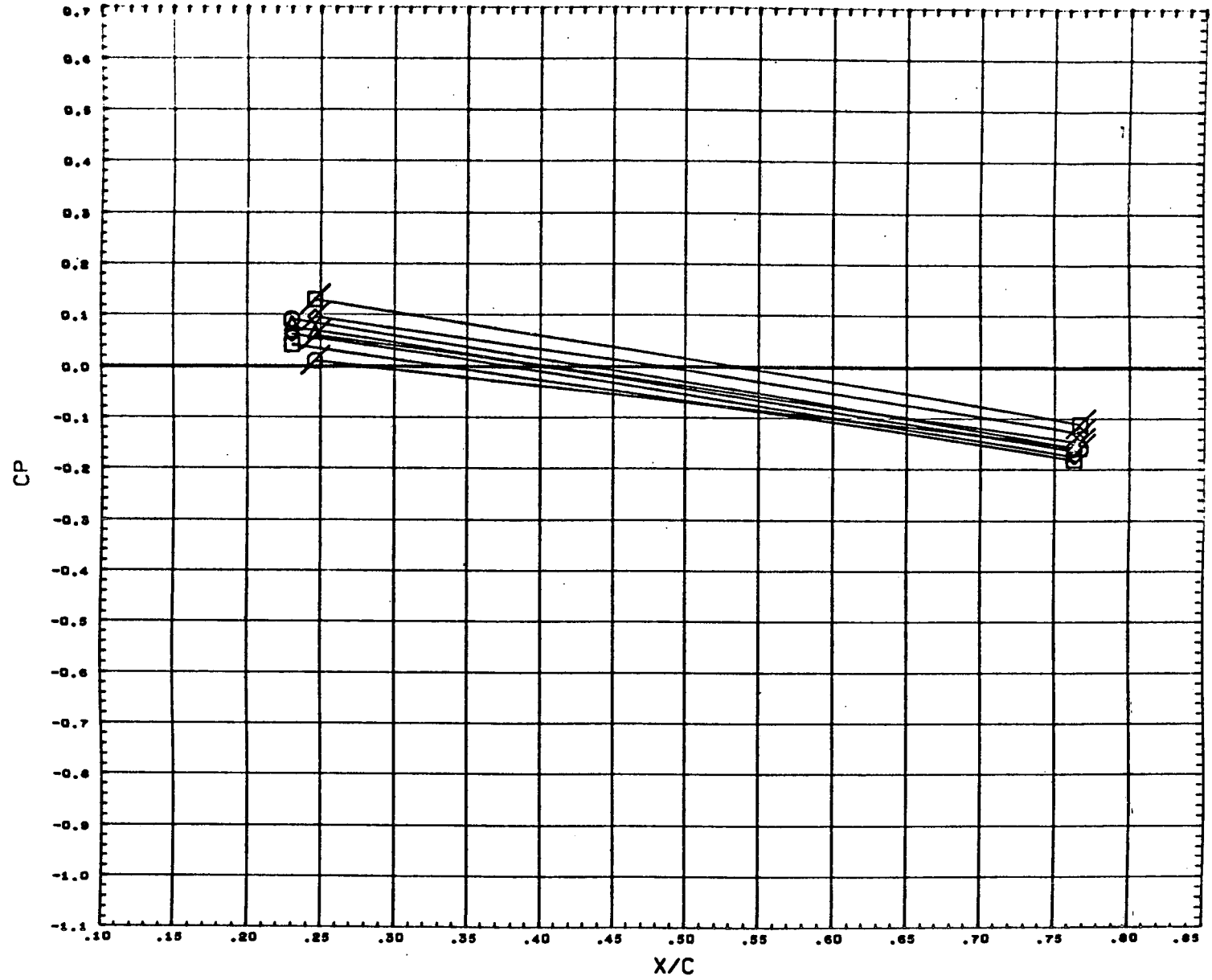
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.955
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



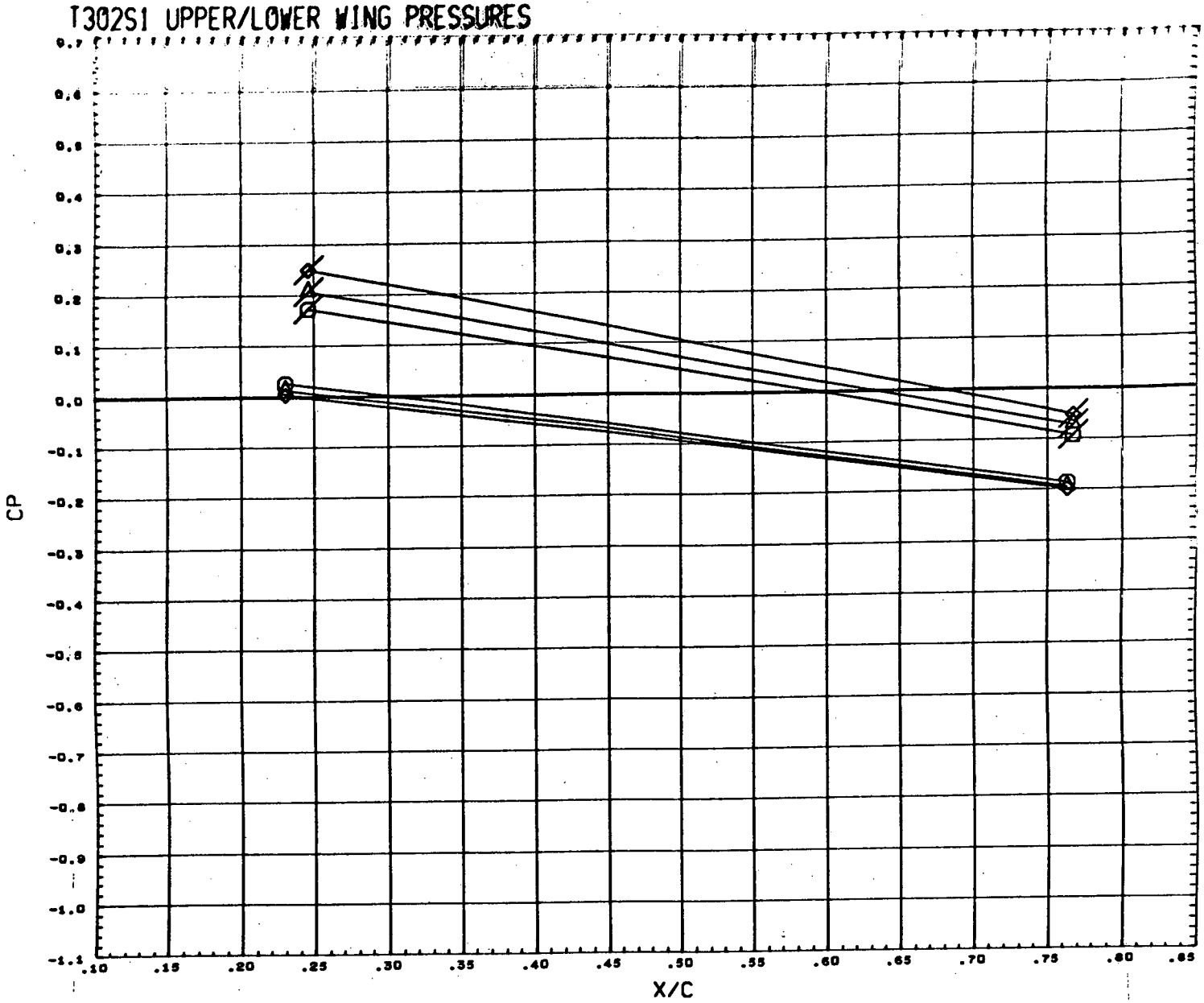
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.955
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



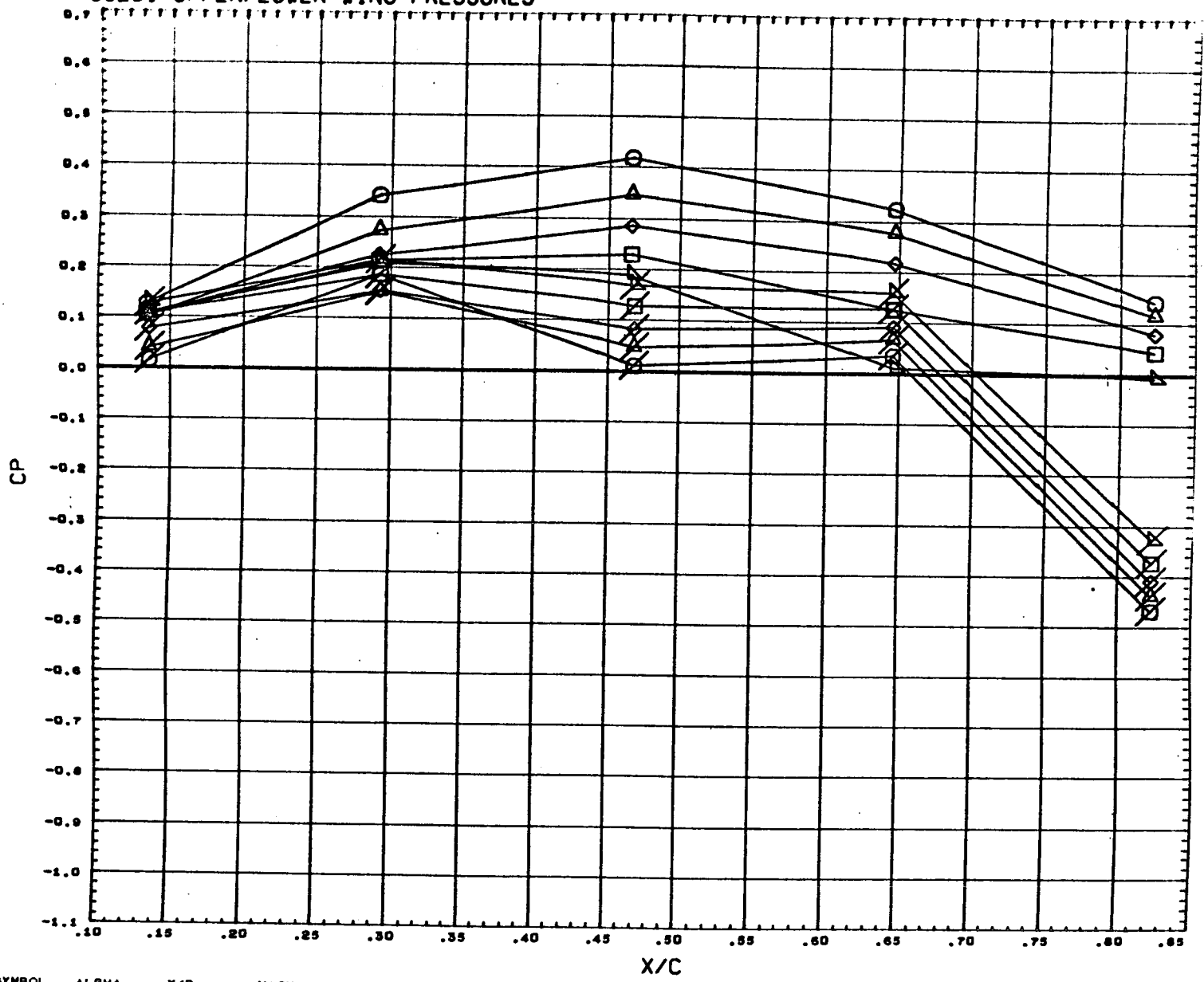
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.955
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73016)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73016)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.193
△	6.000		
◇	4.000		
□	2.000		
▽	0.000		

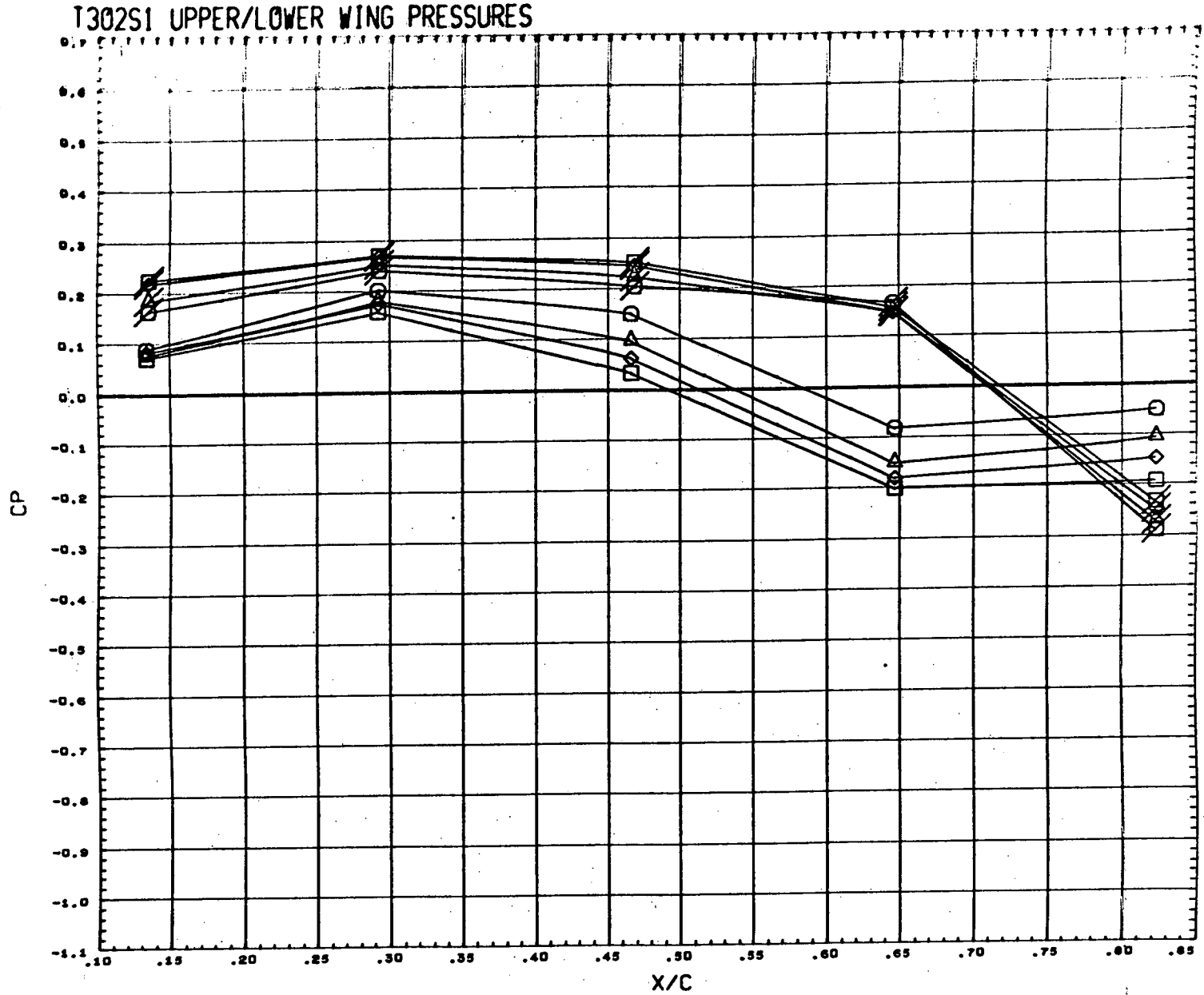
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.193
△	4.000		
◇	6.000		
□	8.000		

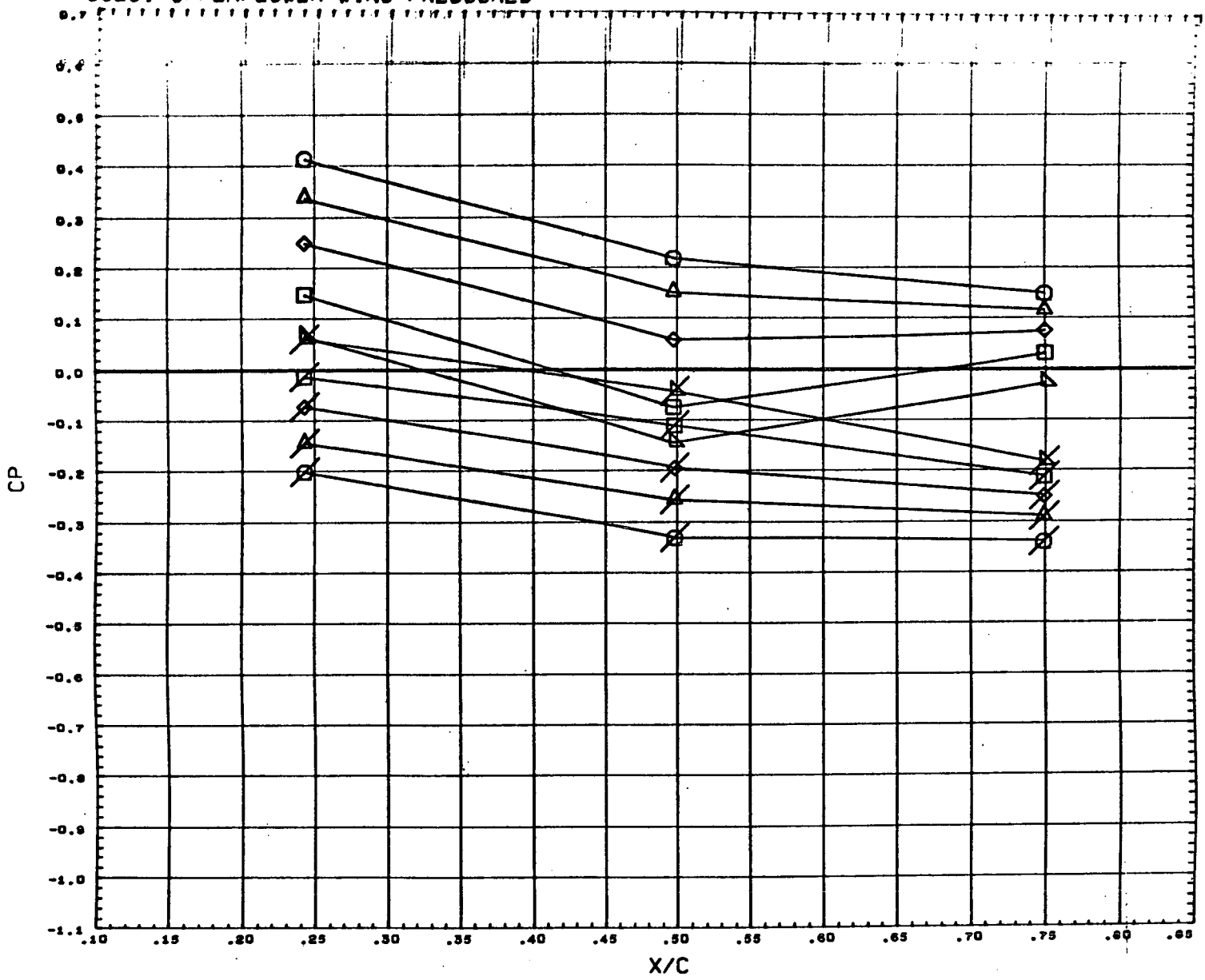
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.193
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

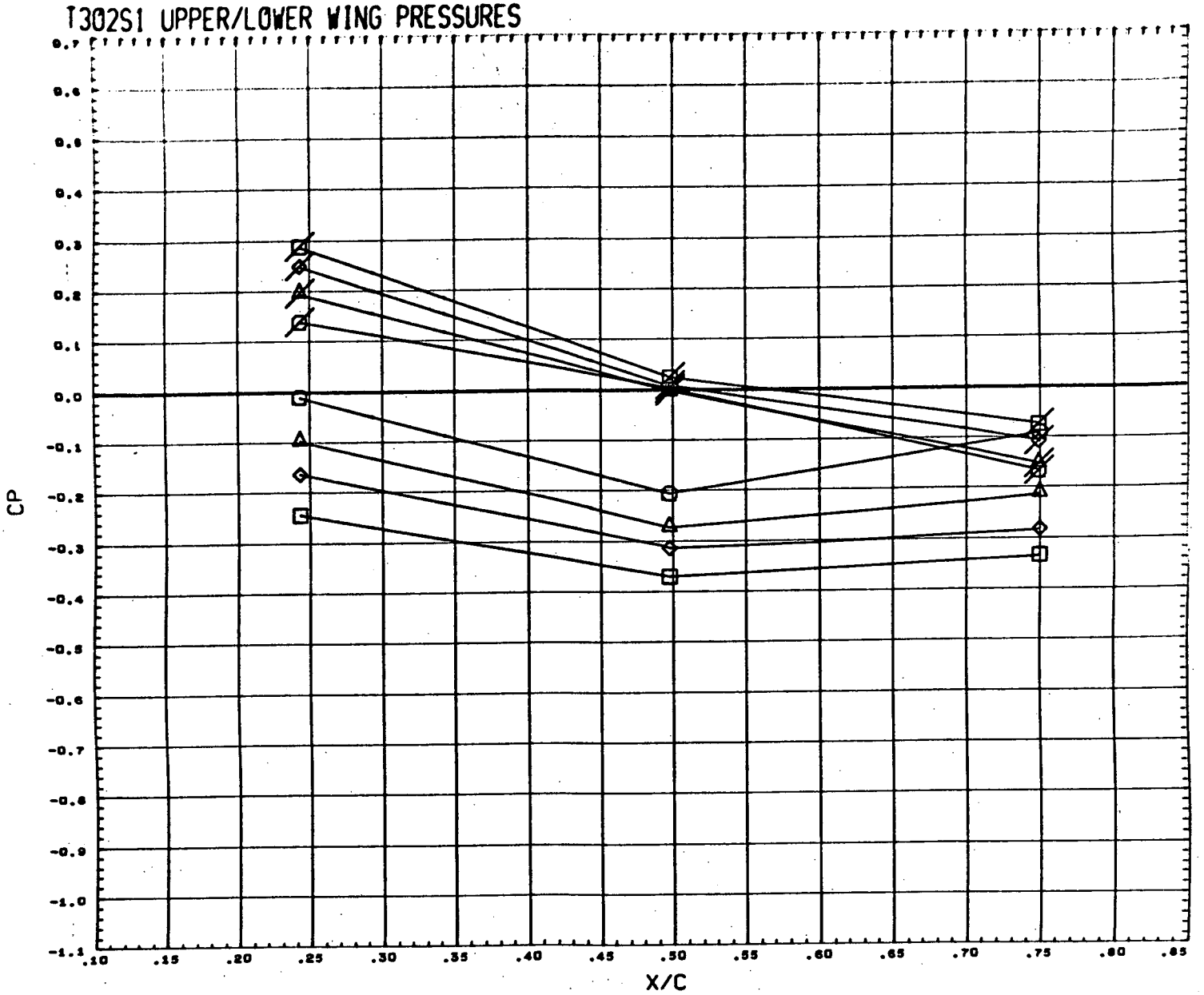
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.193
△	4.000		
◇	6.000		
□	8.000		

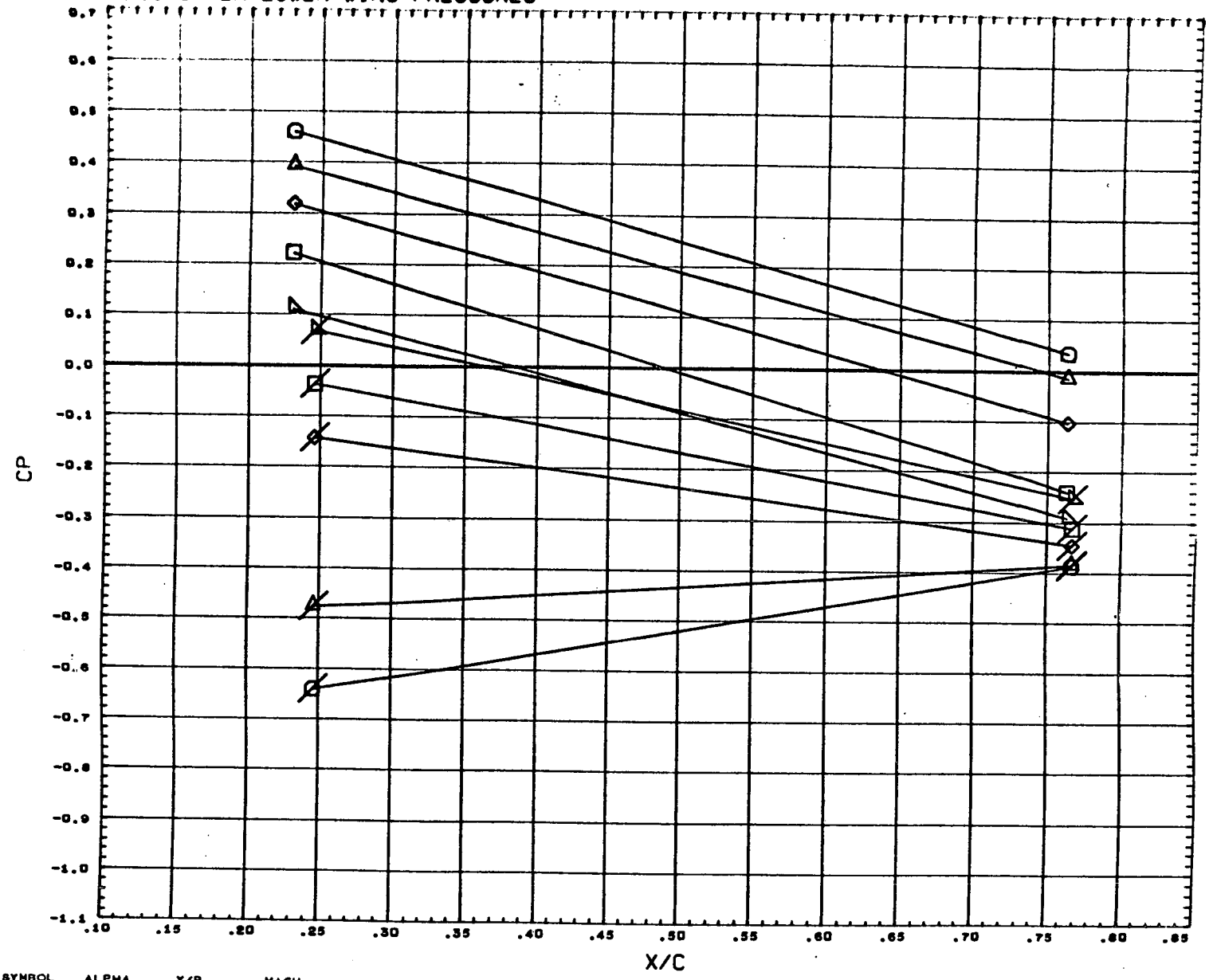
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
	8.000	0.845	1.193
	6.000		
	4.000		
	2.000		
	0.000		

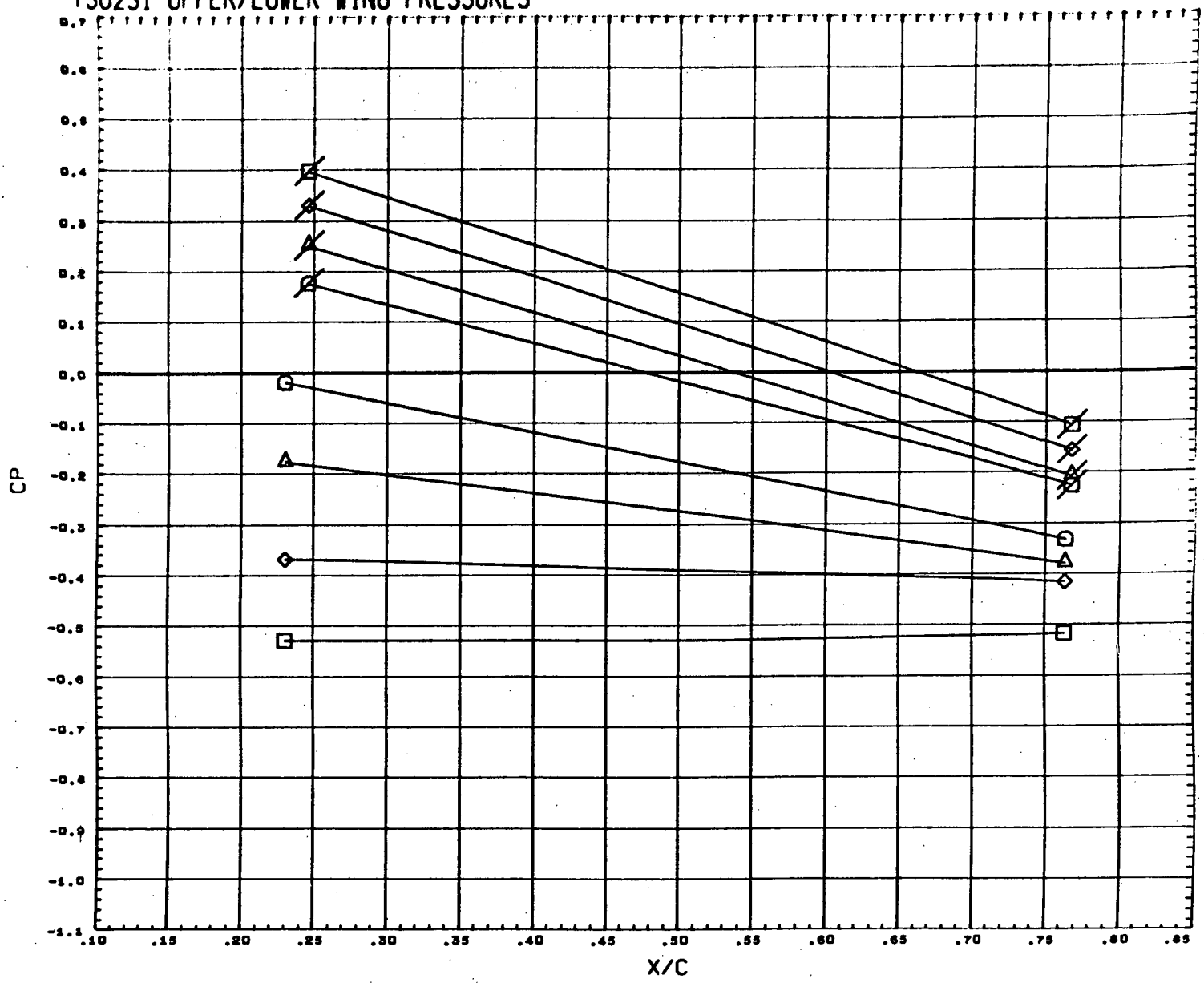
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.193
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

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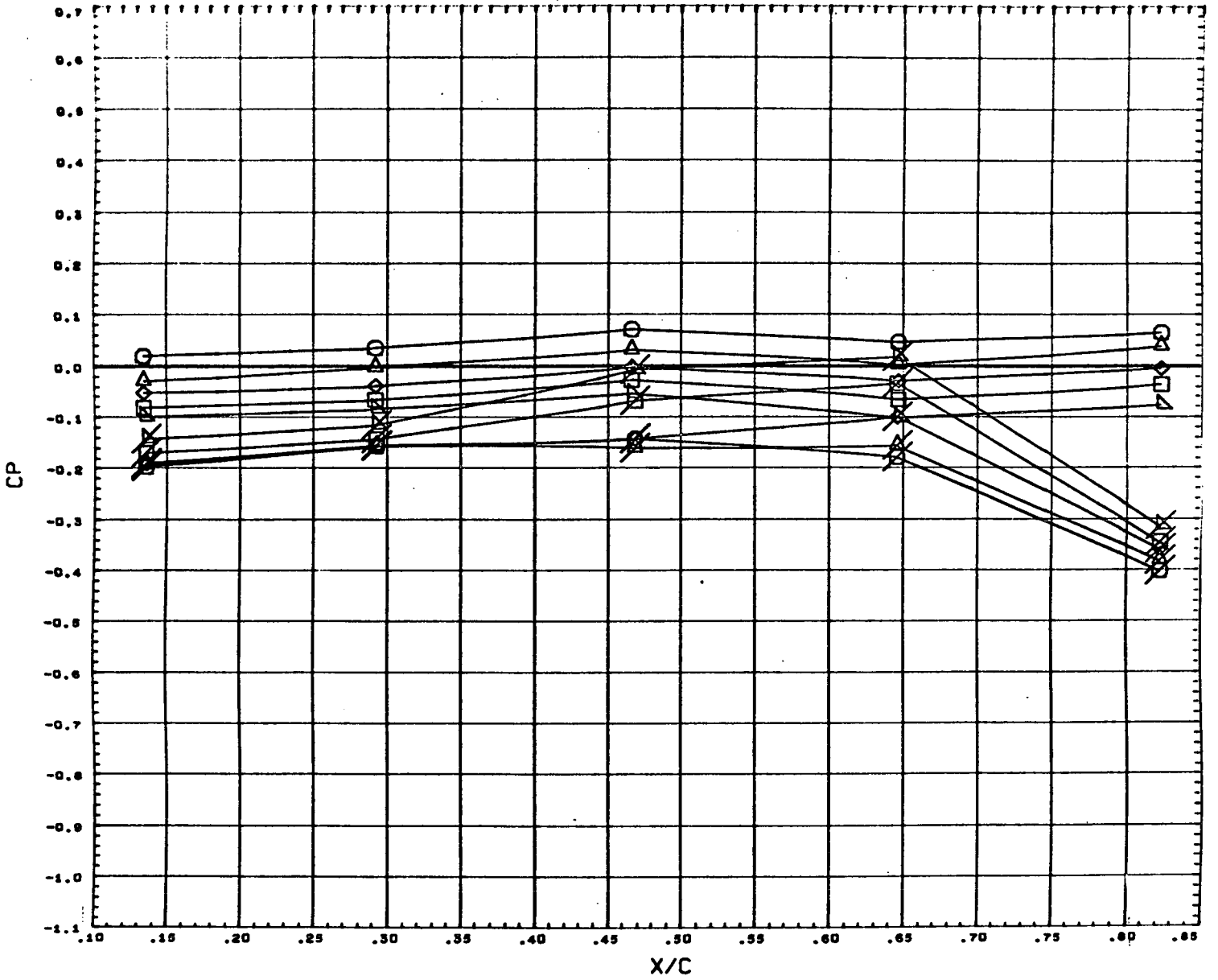
T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.458
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

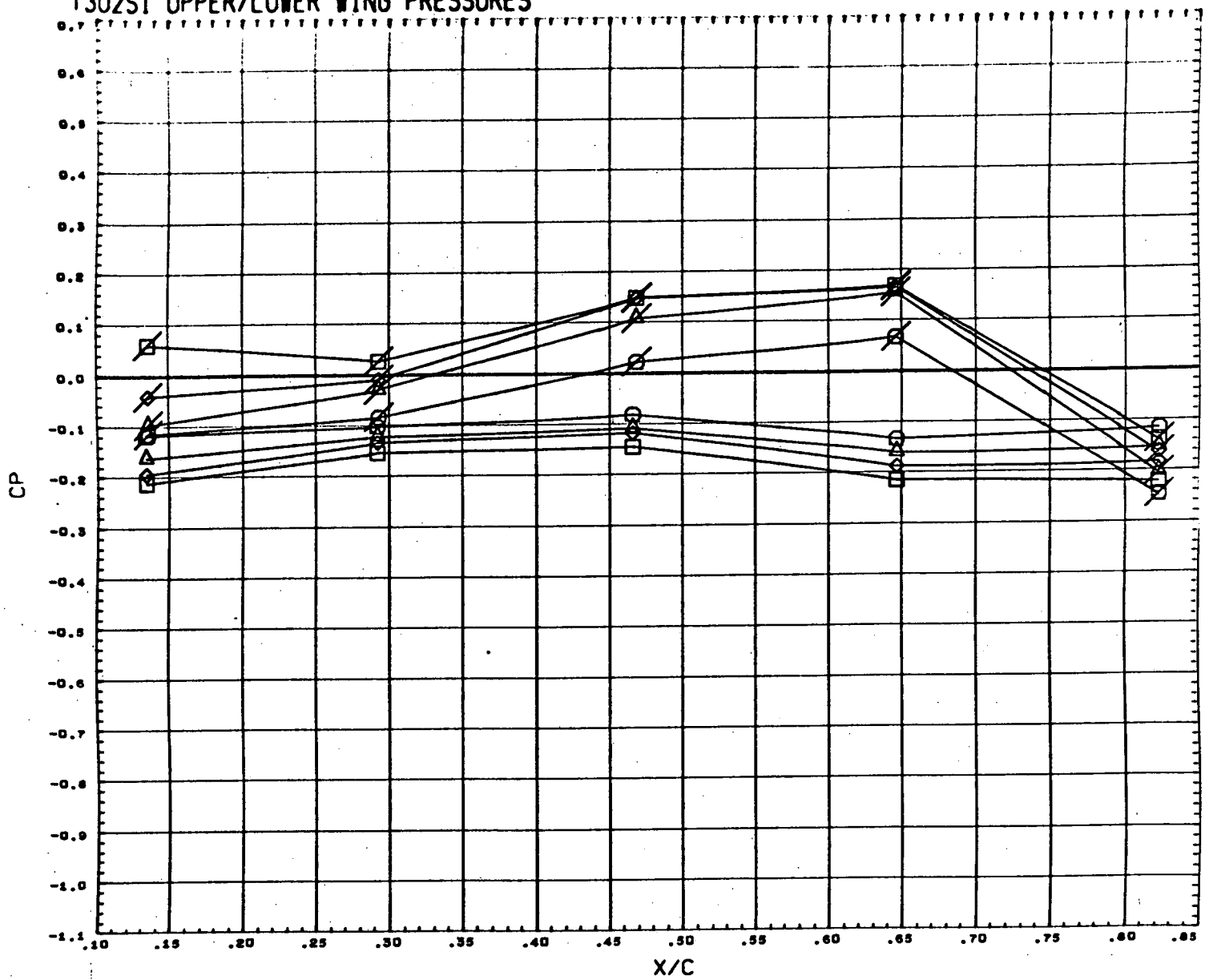
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.458
△	4.000		
◇	6.000		
□	8.000		

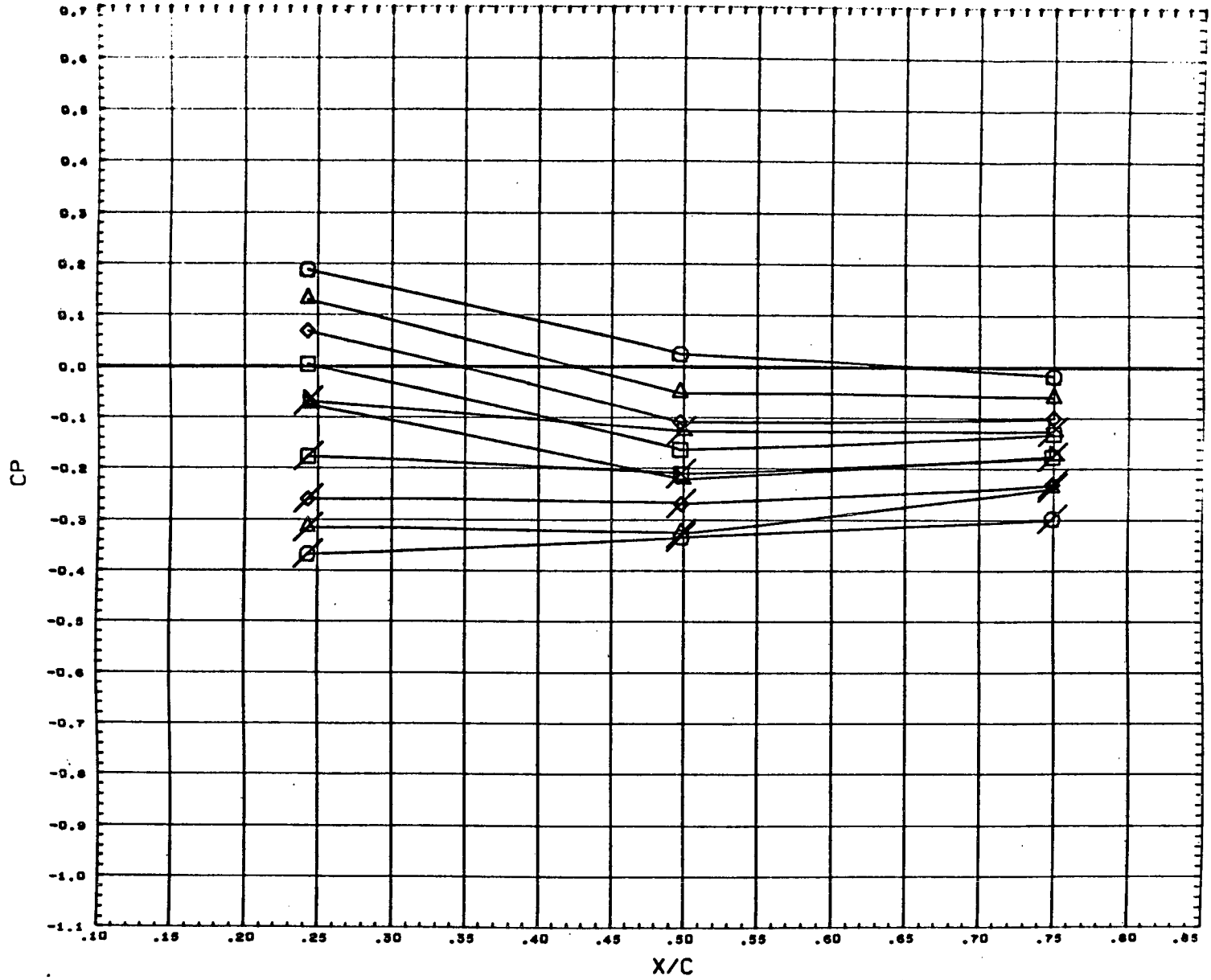
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



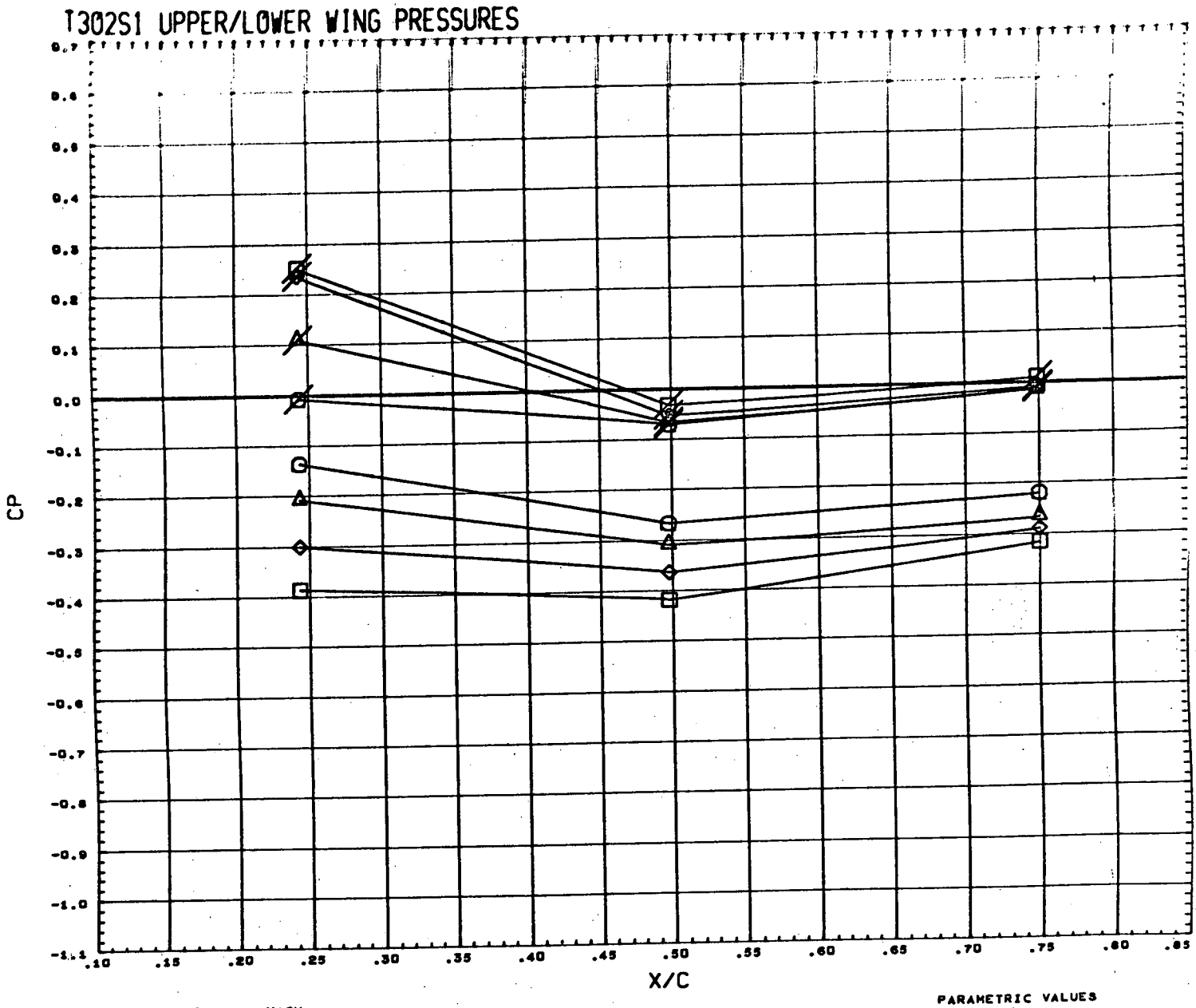
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.458
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.458
△	4.000		
◇	6.000		
□	8.000		

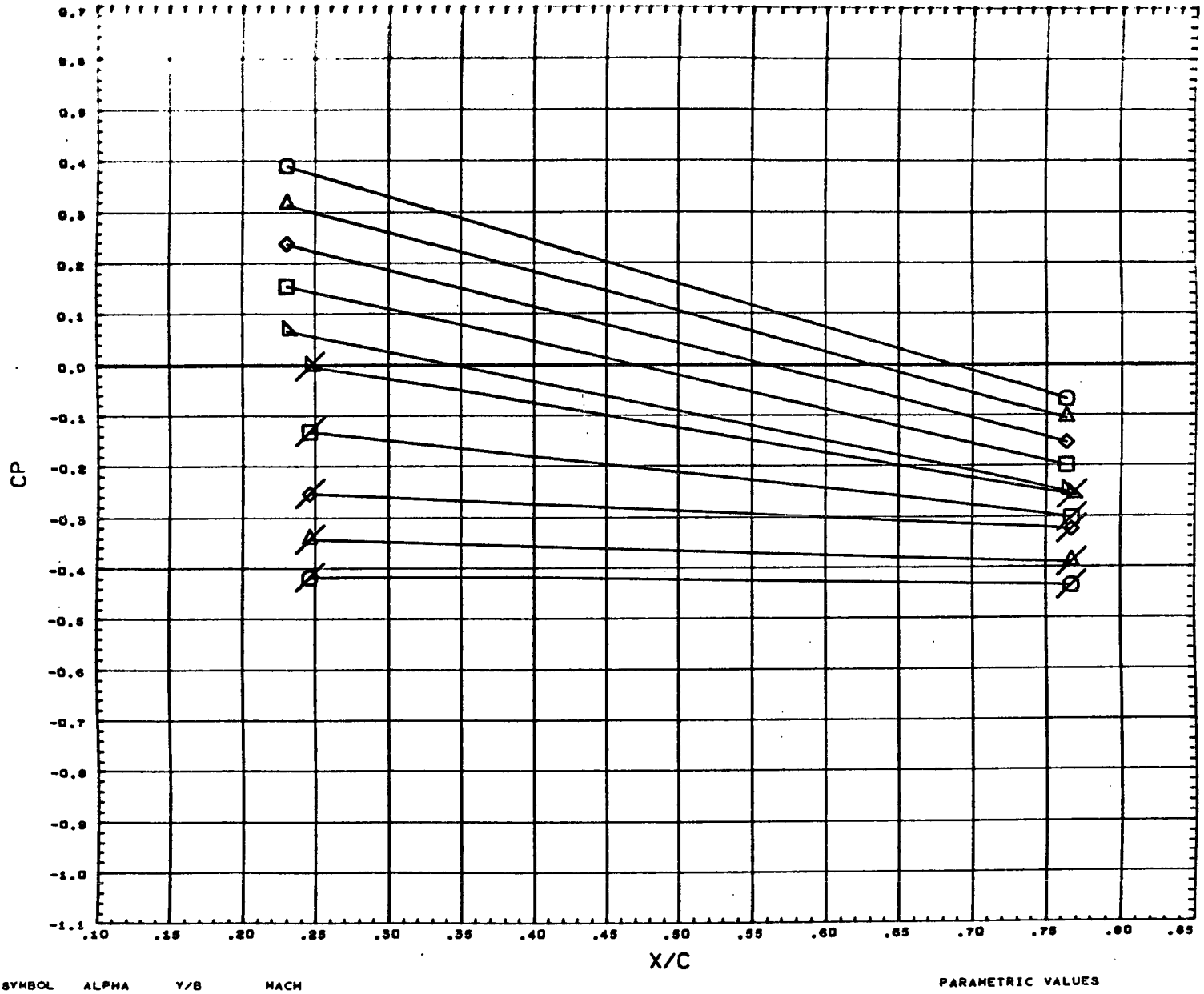
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
	8.000	0.845	1.458
	6.000		
	4.000		
	2.000		
	0.000		

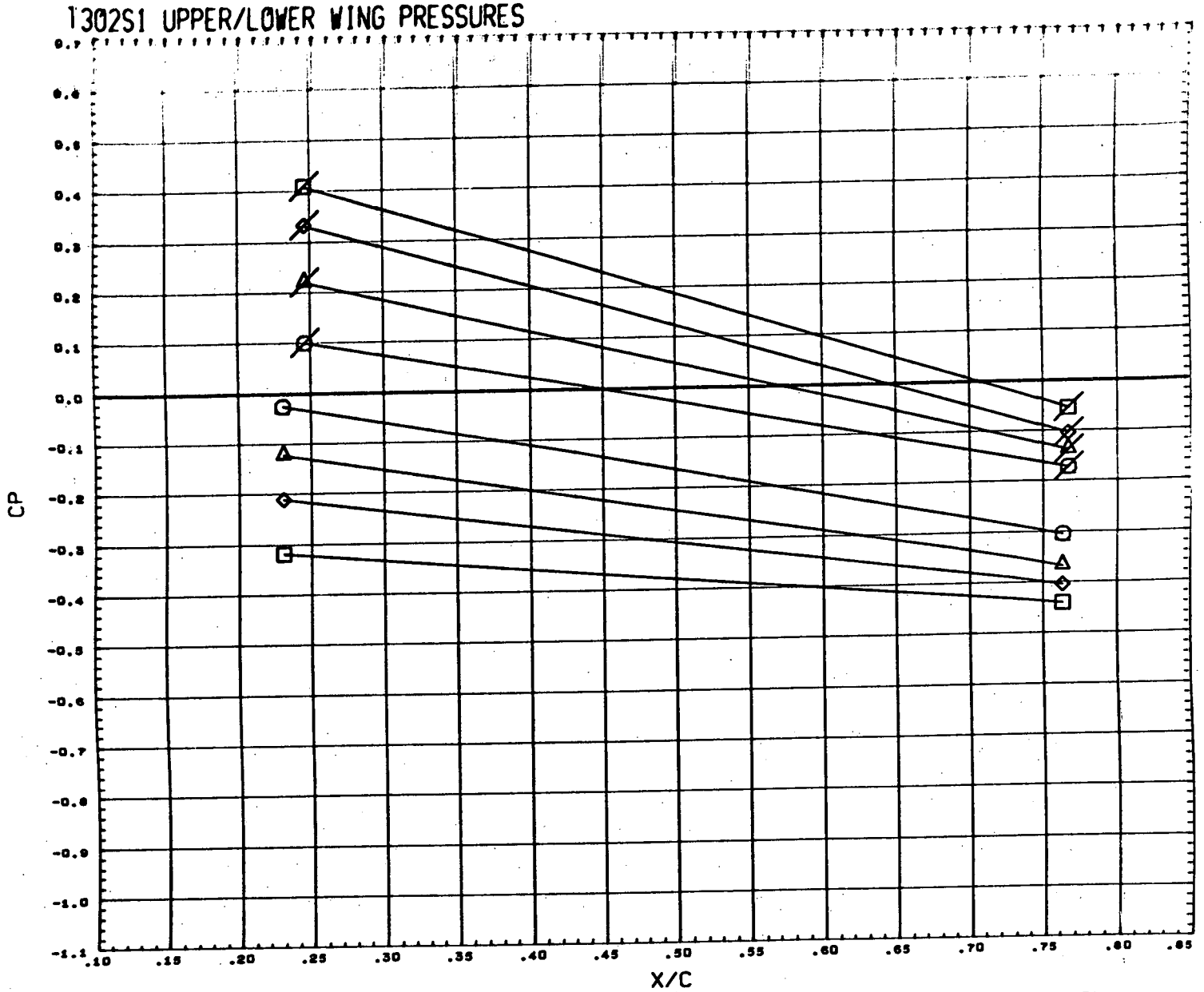
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.458
△	4.000		
◇	6.000		
□	8.000		

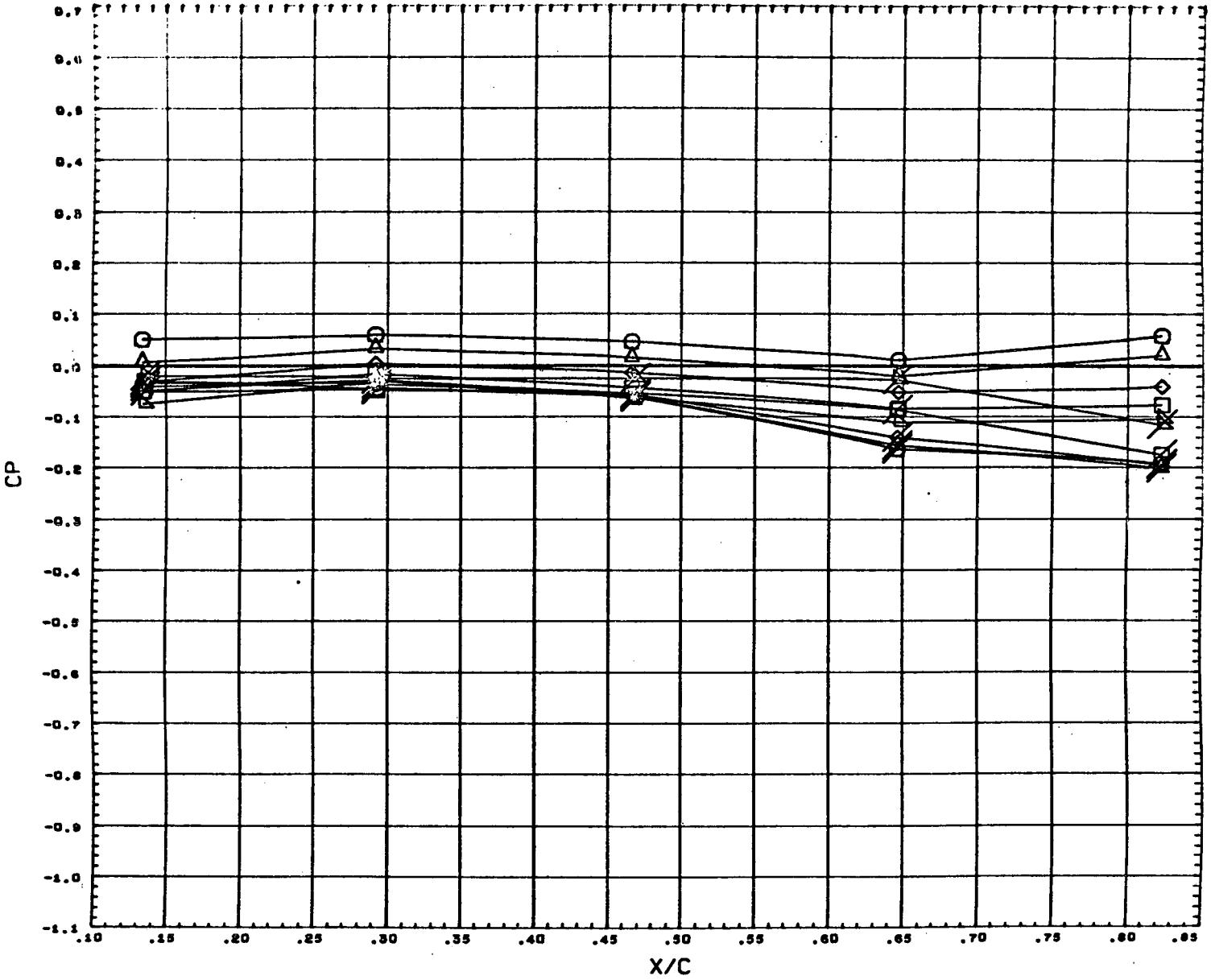
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.956
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↙	0.000		

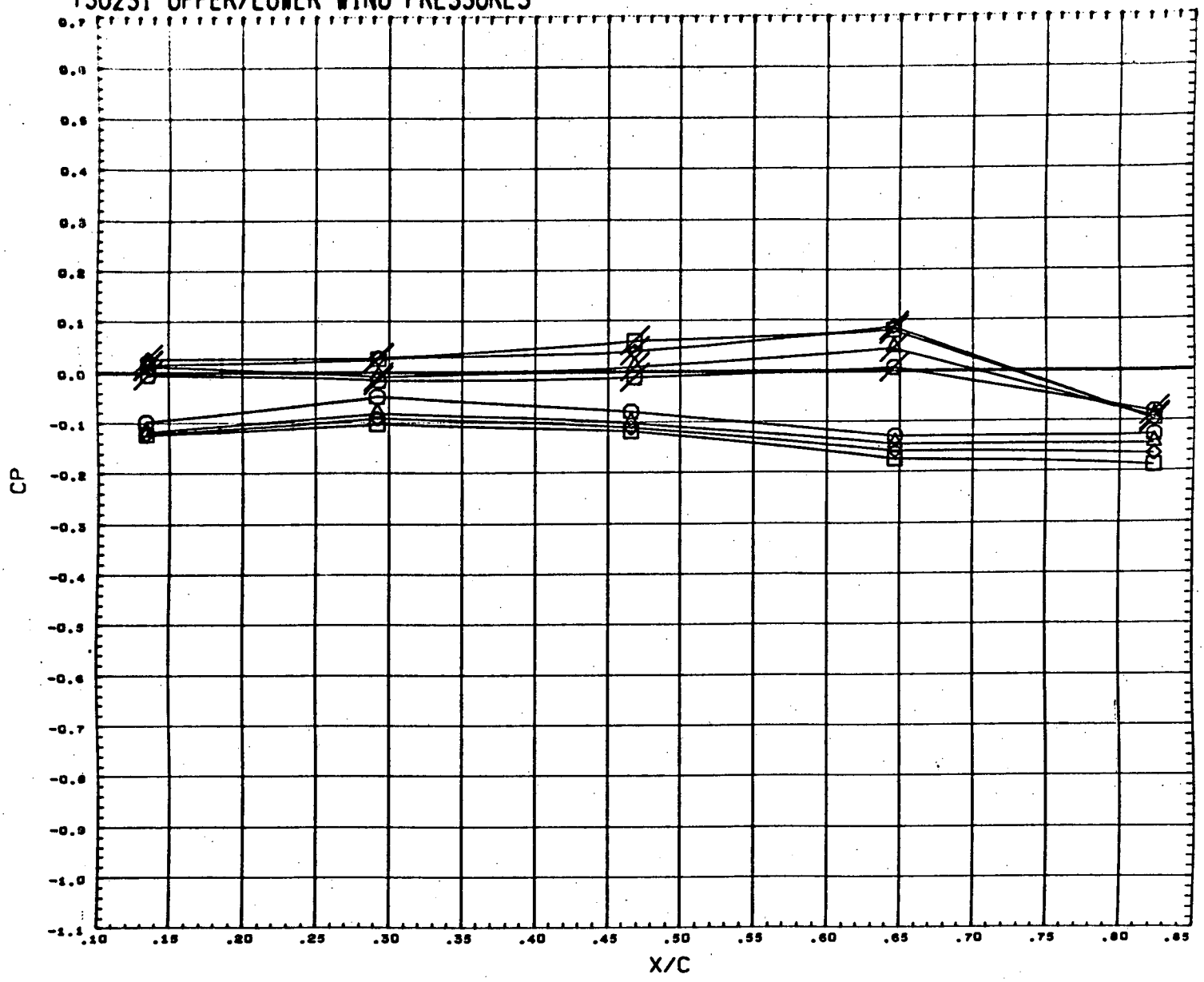
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.956
△	4.000		
◇	6.000		
□	8.000		

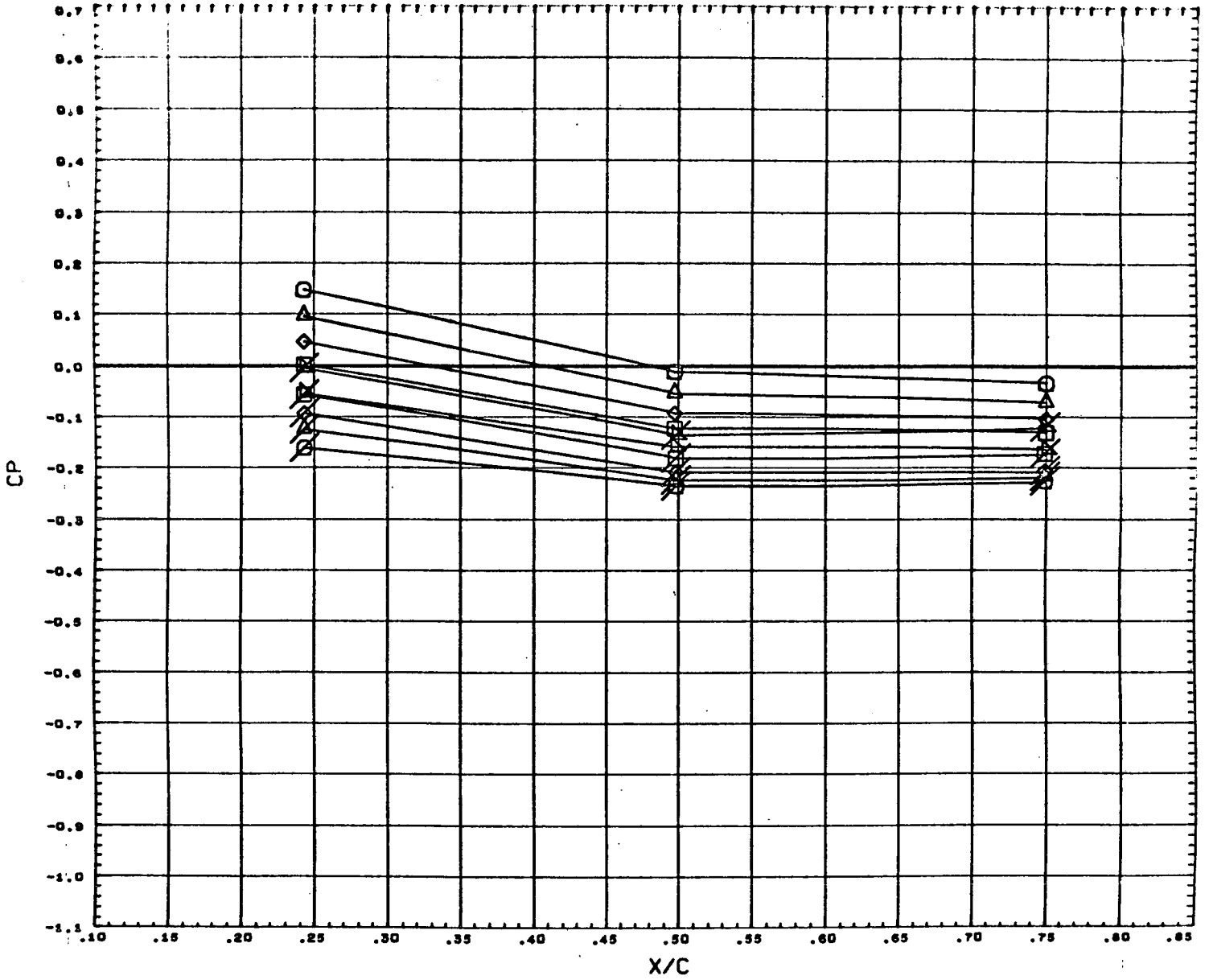
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.956
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

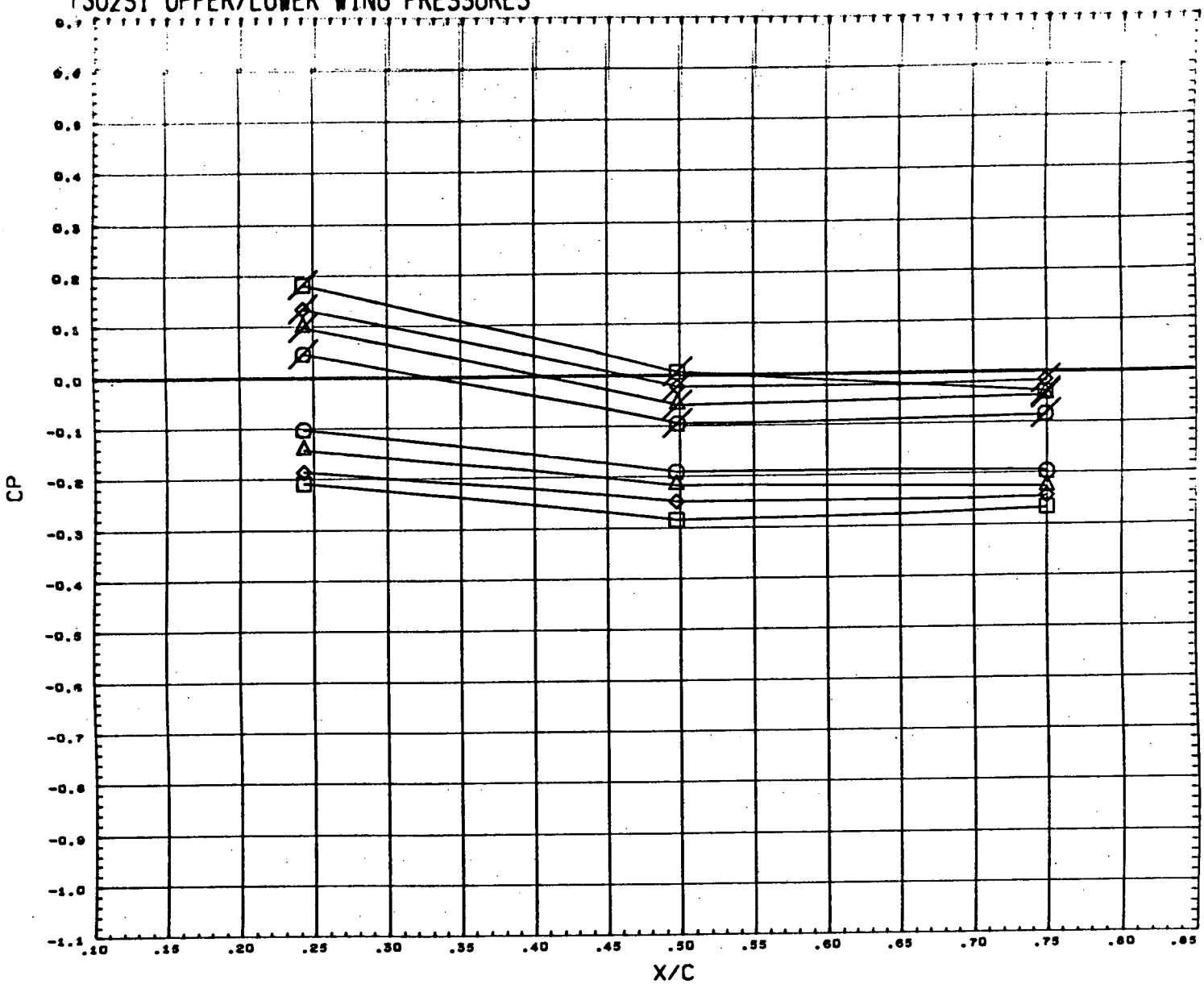
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



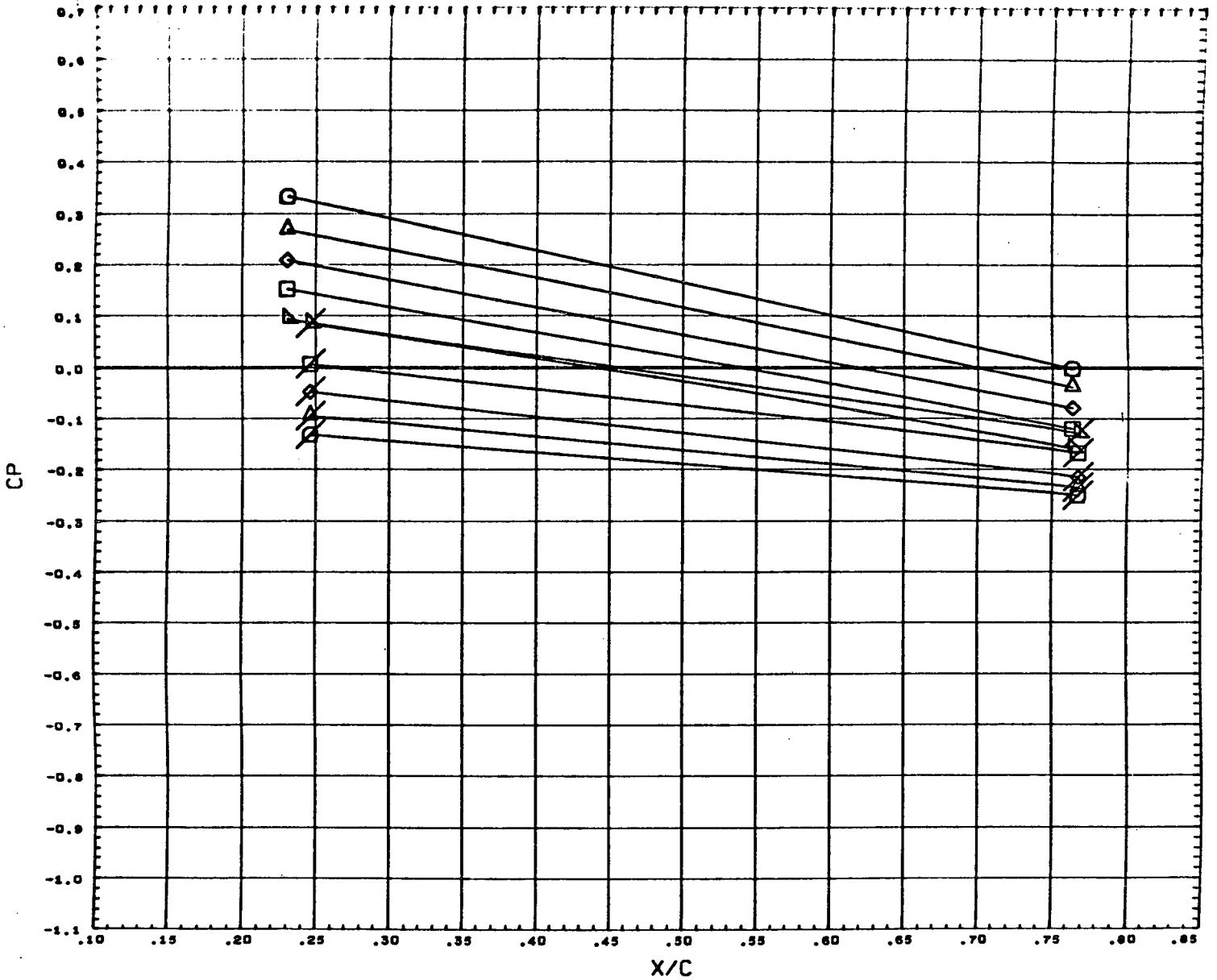
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.956
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.956
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

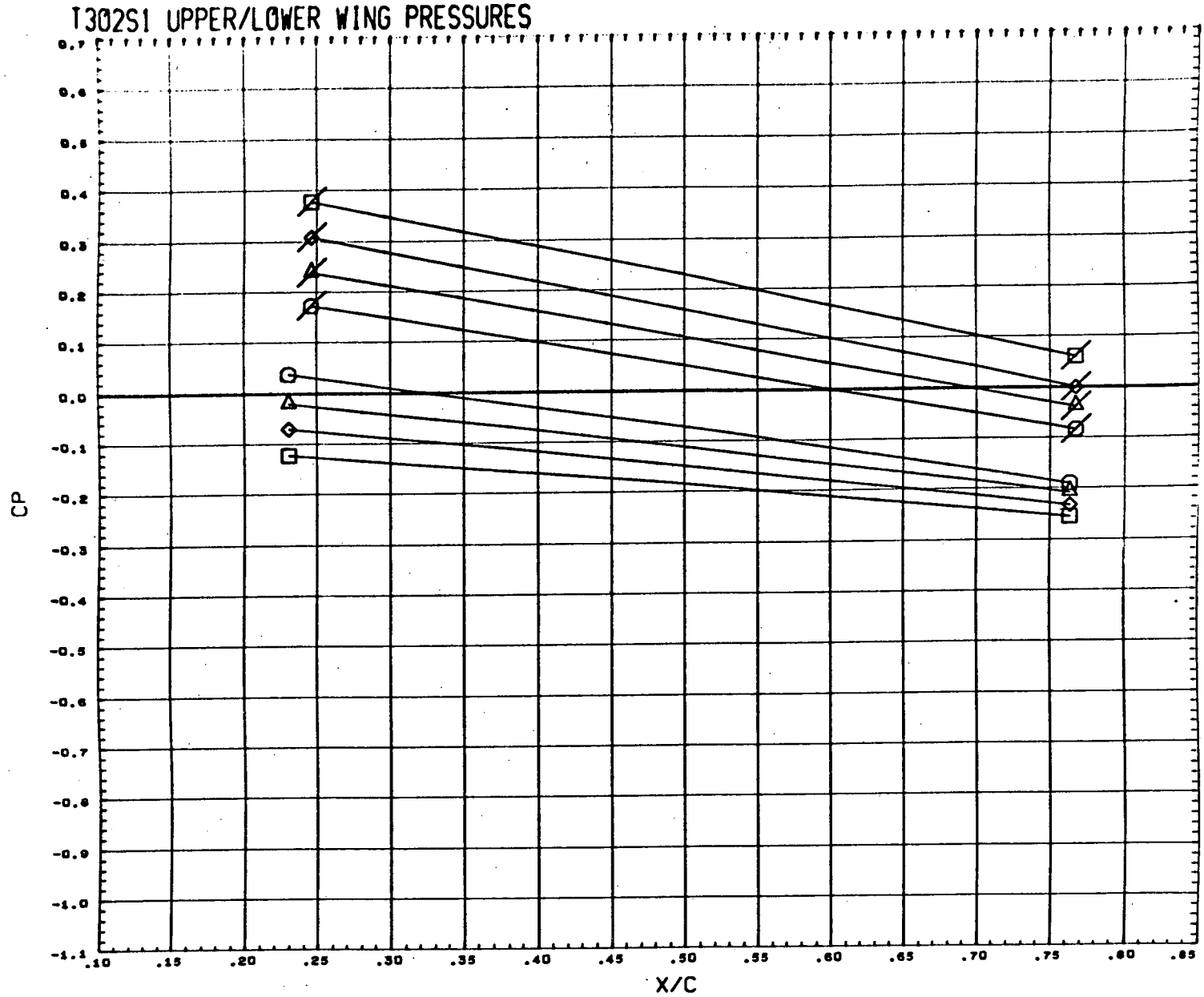
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.956
△	4.000		
◇	6.000		
□	8.000		

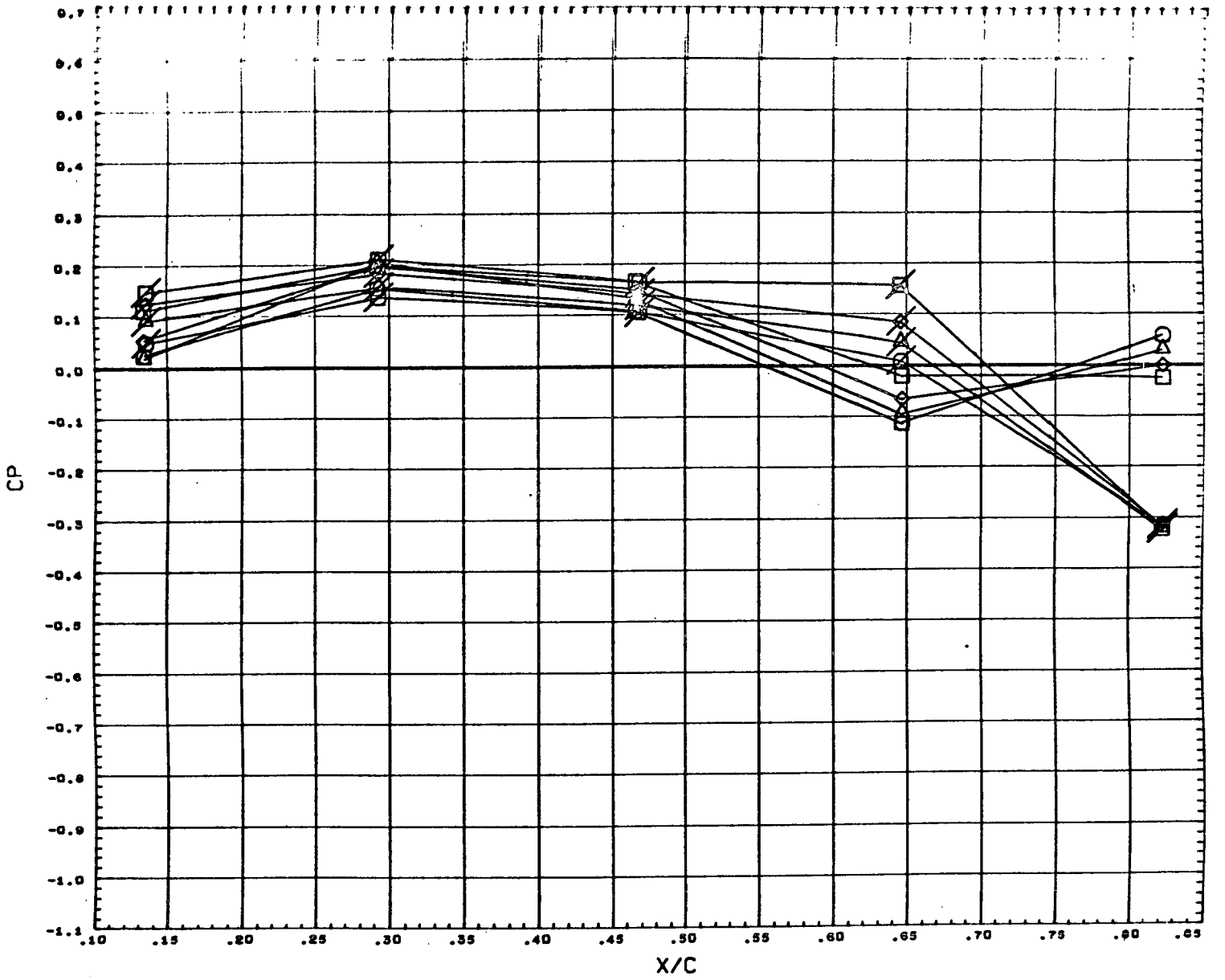
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73017)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73017)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

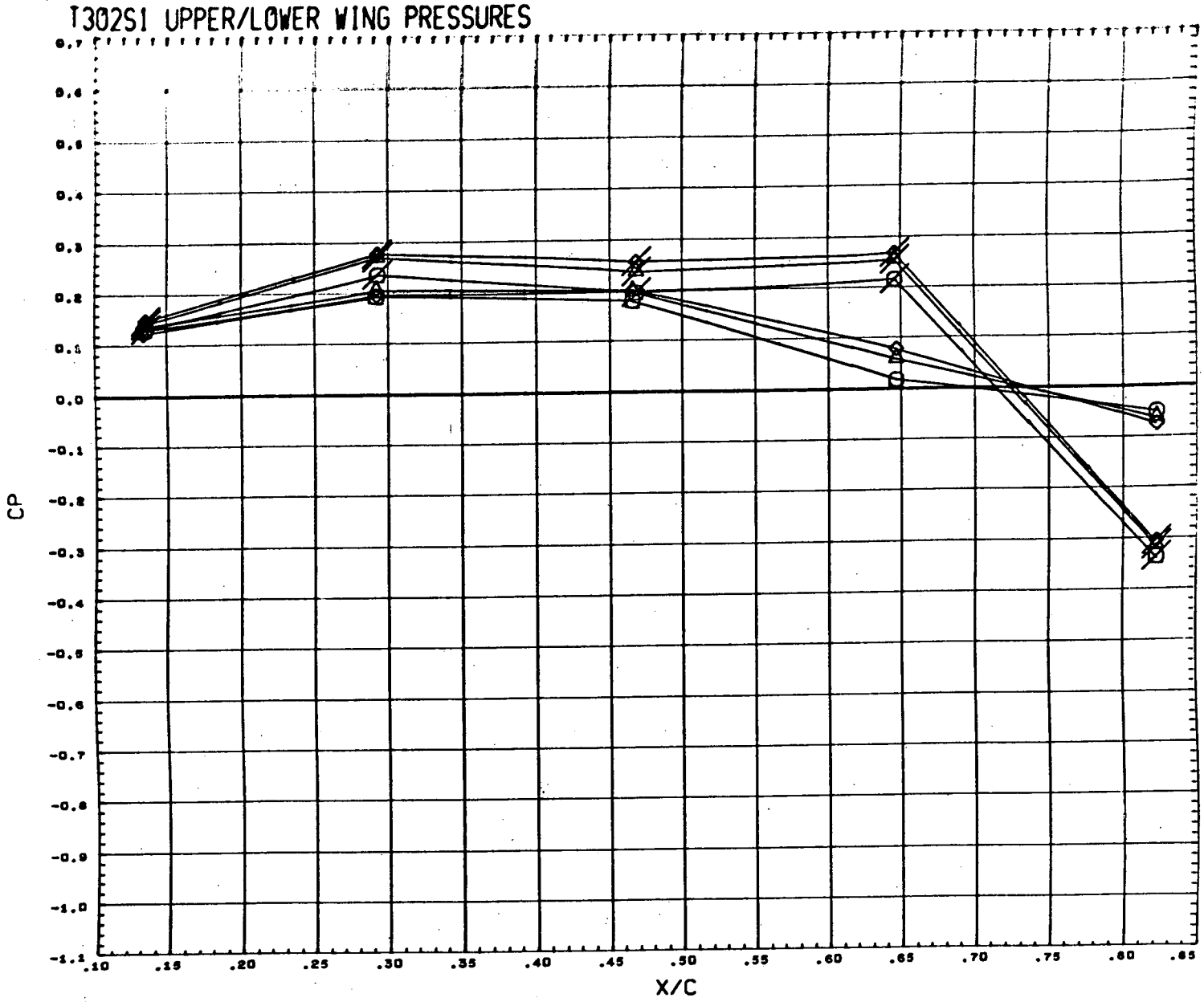
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.196
△	4.000		
◇	6.000		

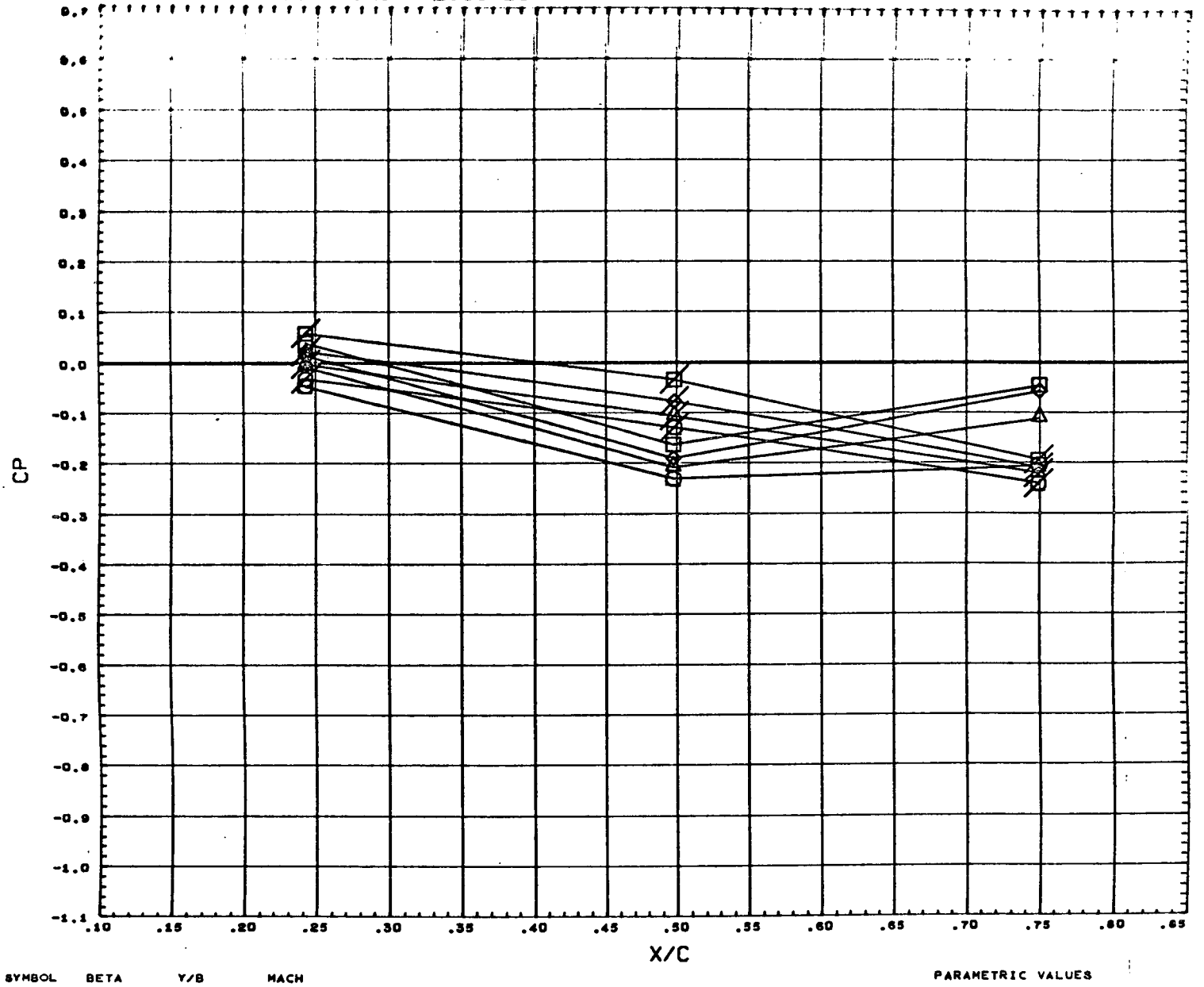
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



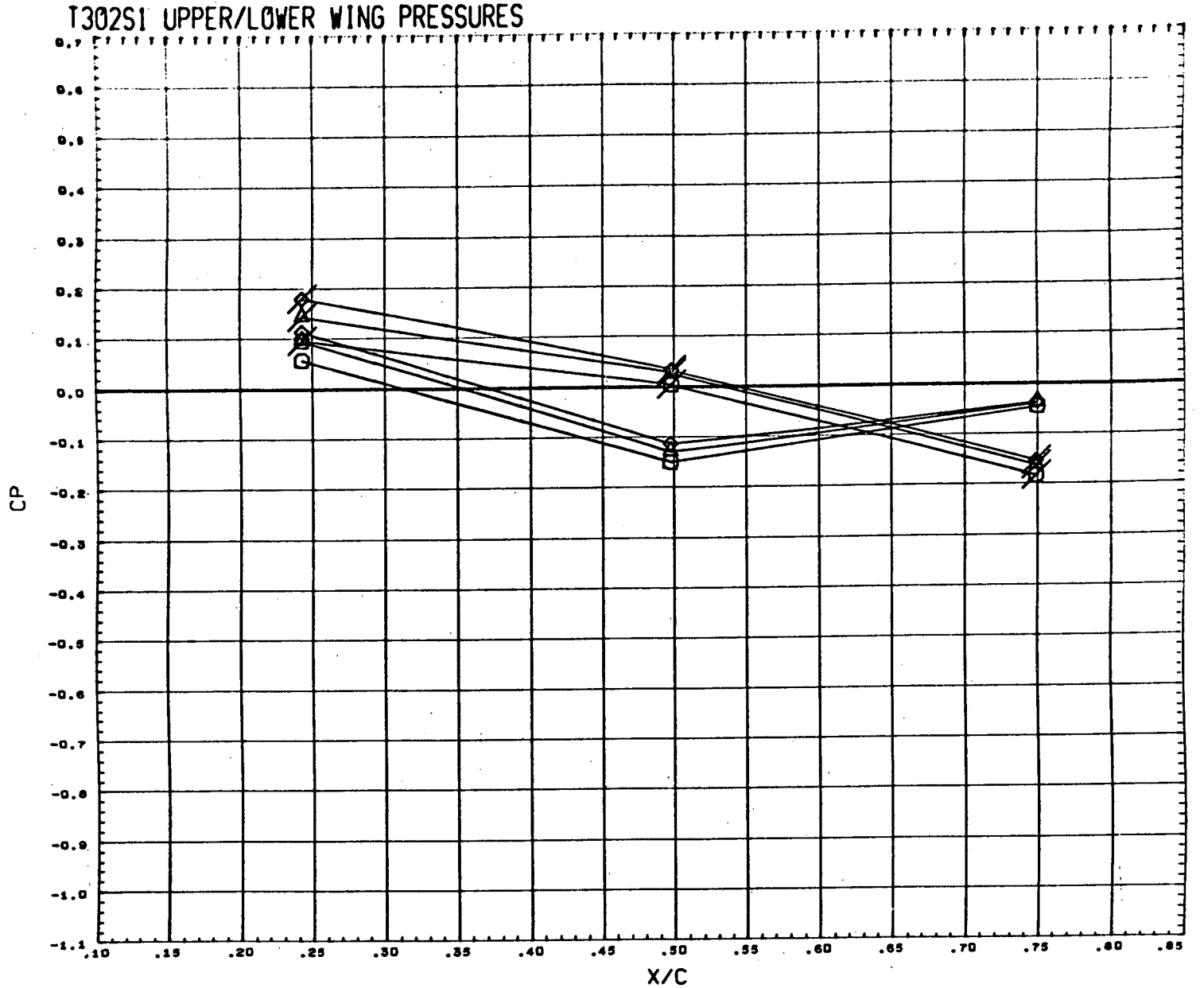
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.196
△	4.000		
◇	6.000		

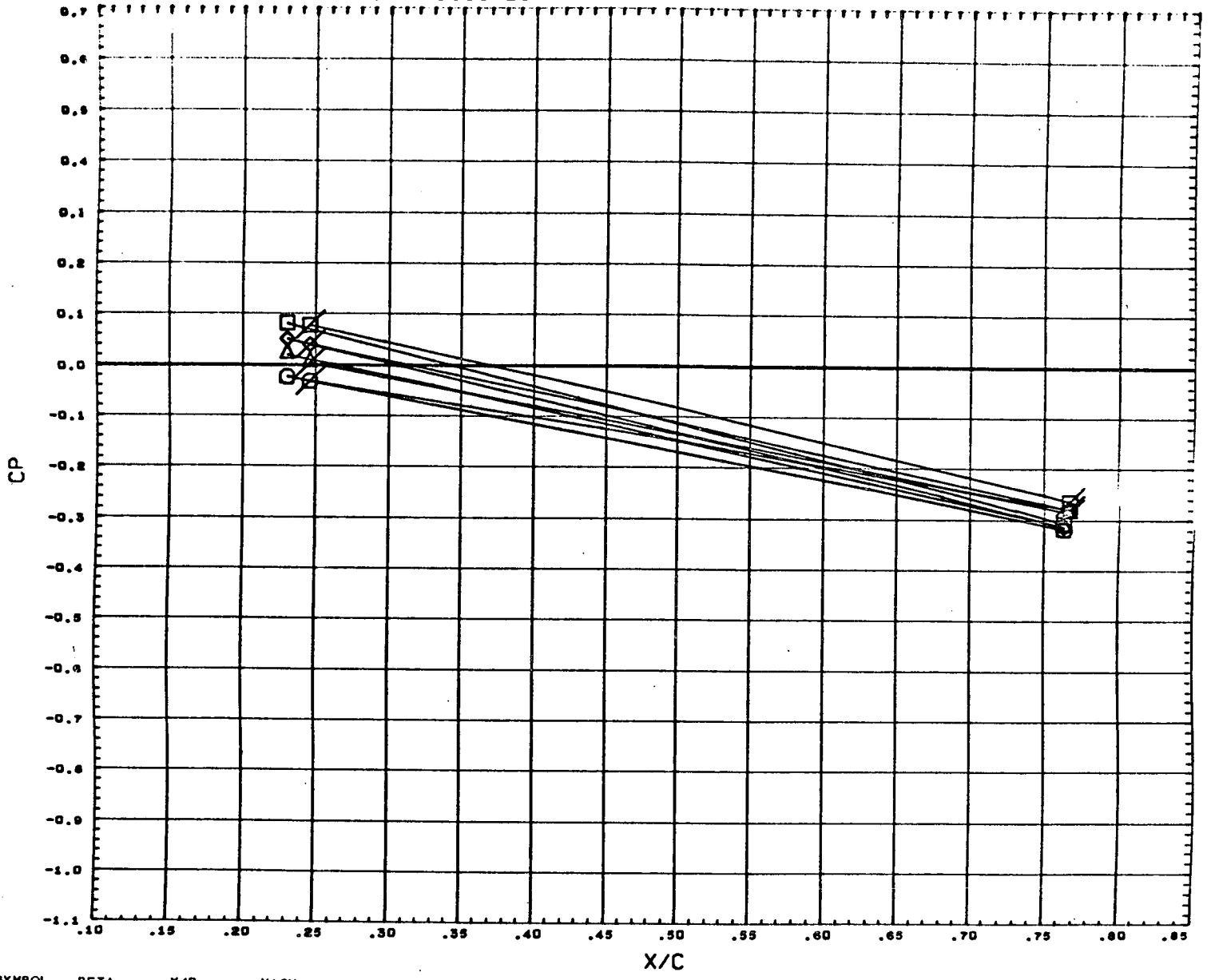
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.196
△	- 4.000		
◇	- 2.000		
□	0.000		

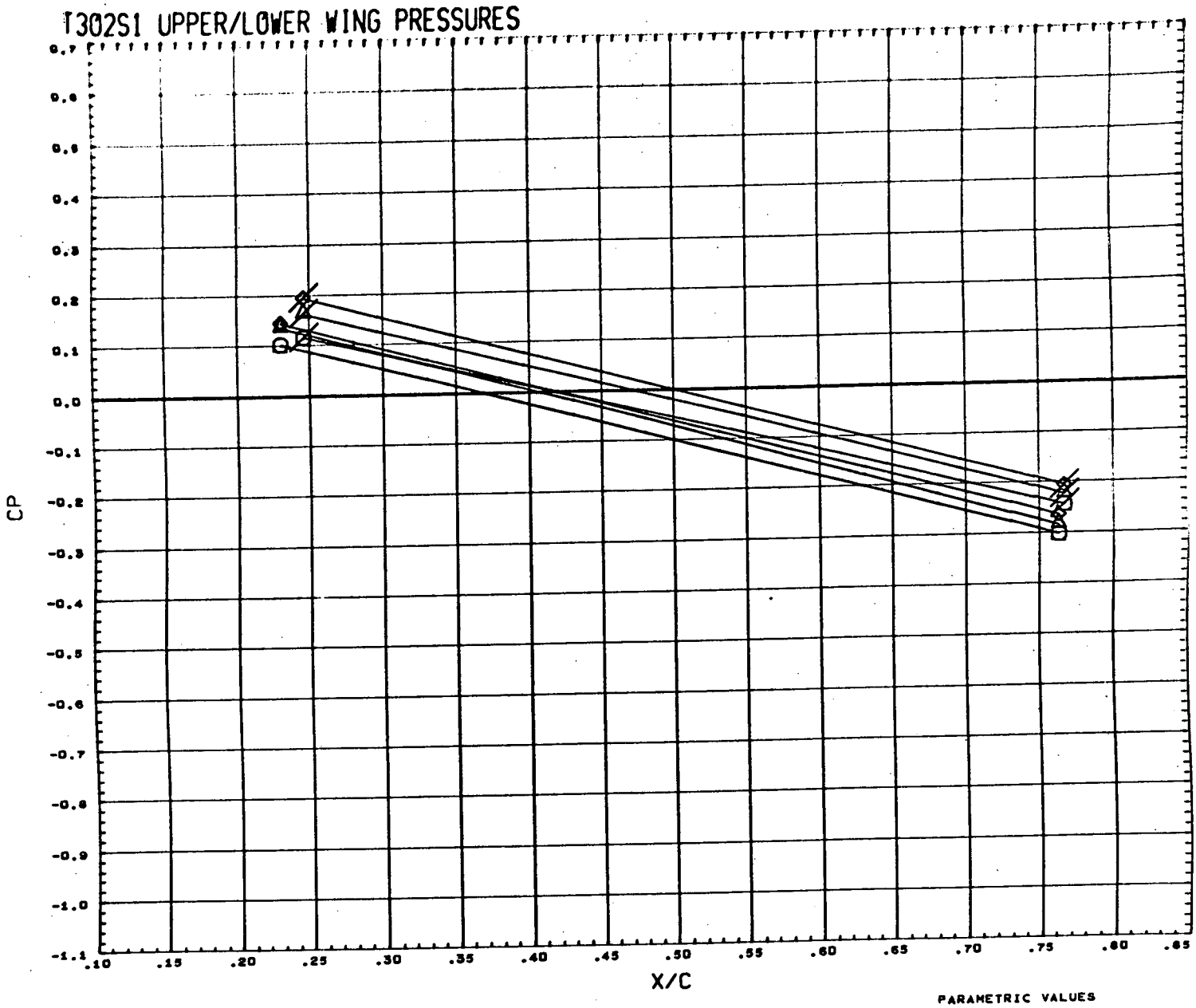
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.196
△	4.000		
◇	6.000		

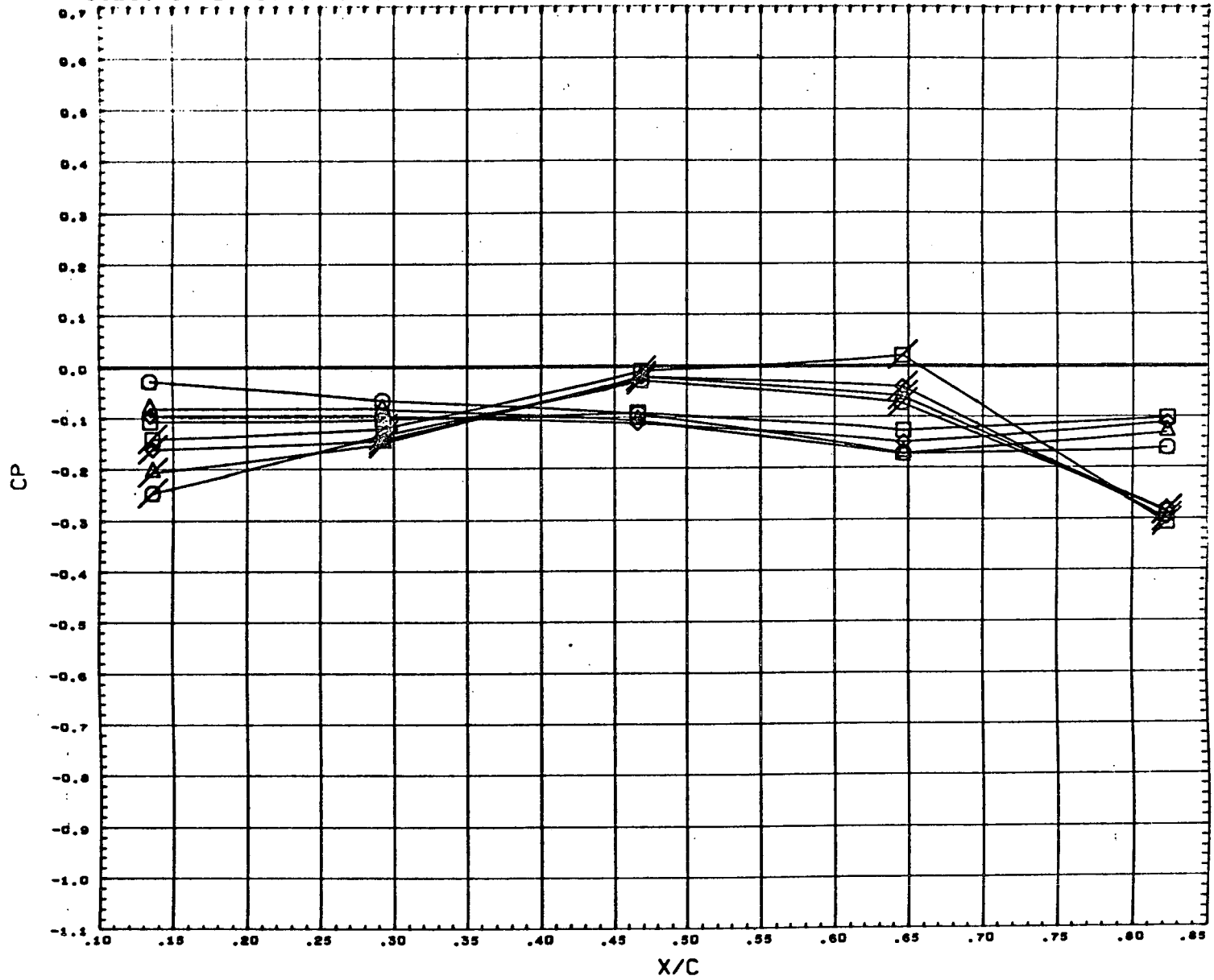
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	- 4.000		
◇	- 2.000		
□	0.000		

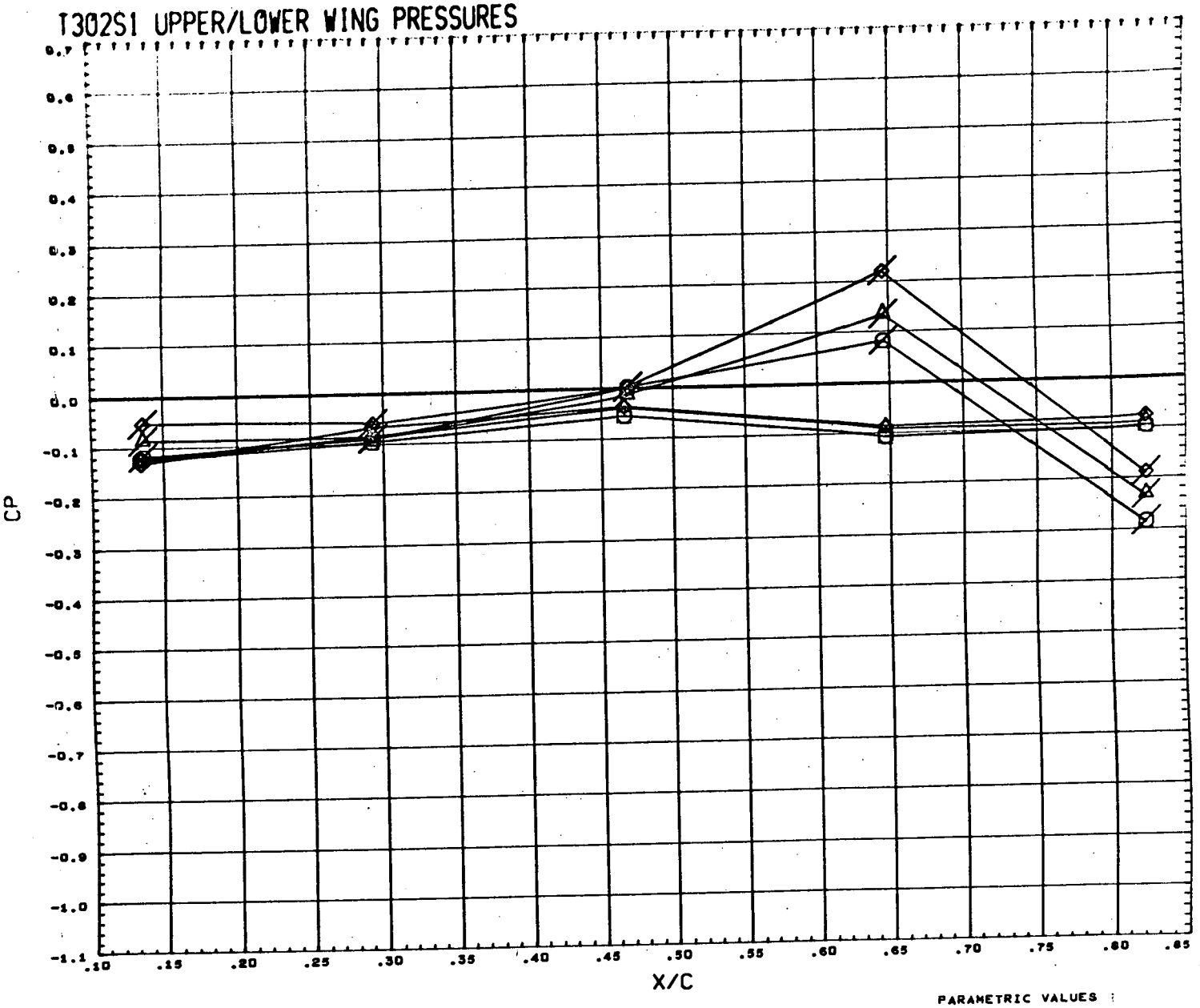
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



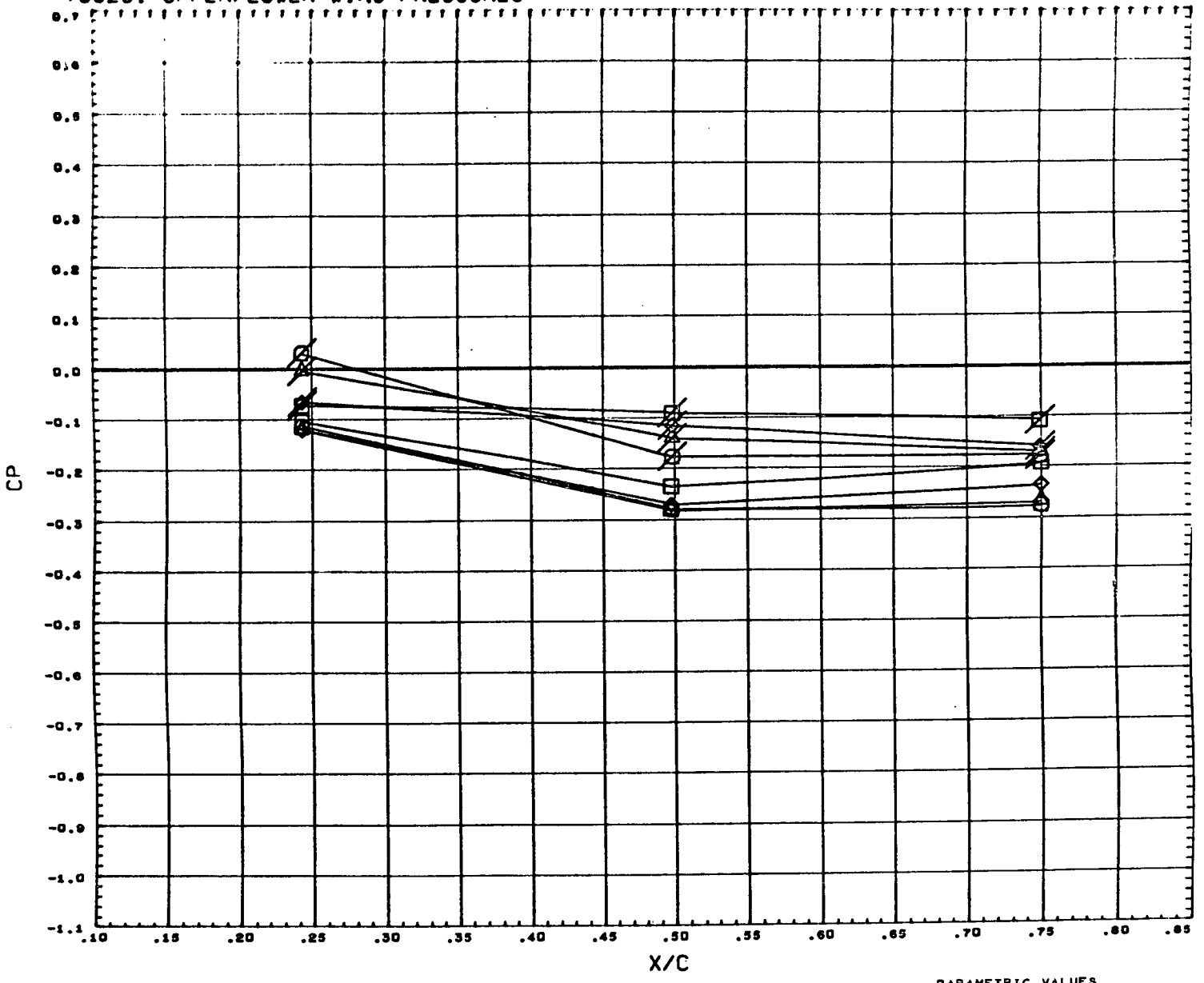
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.460
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.460
△	- 4.000		
◇	- 2.000		
□	0.000		

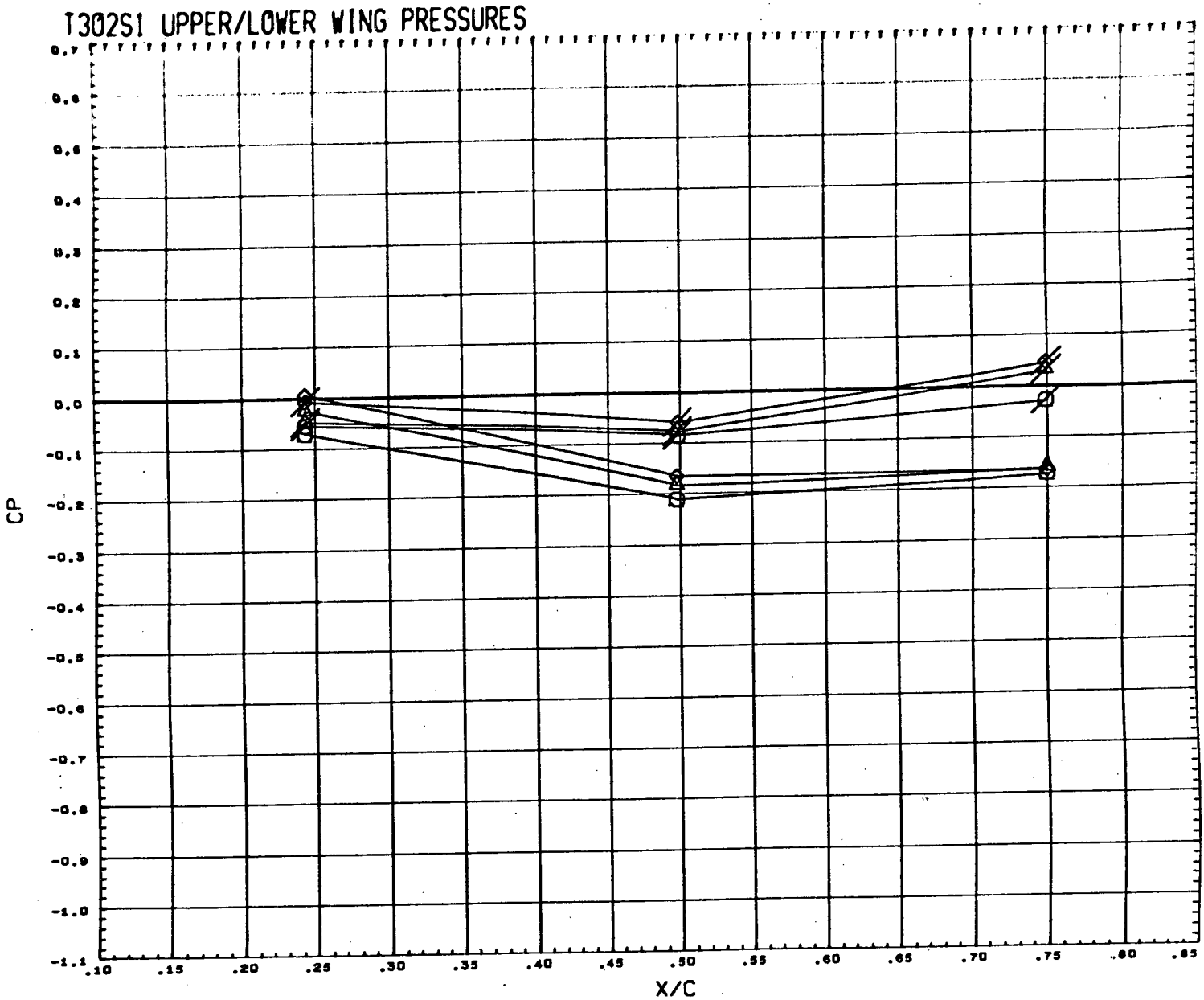
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.460
△	4.000		
◇	6.000		

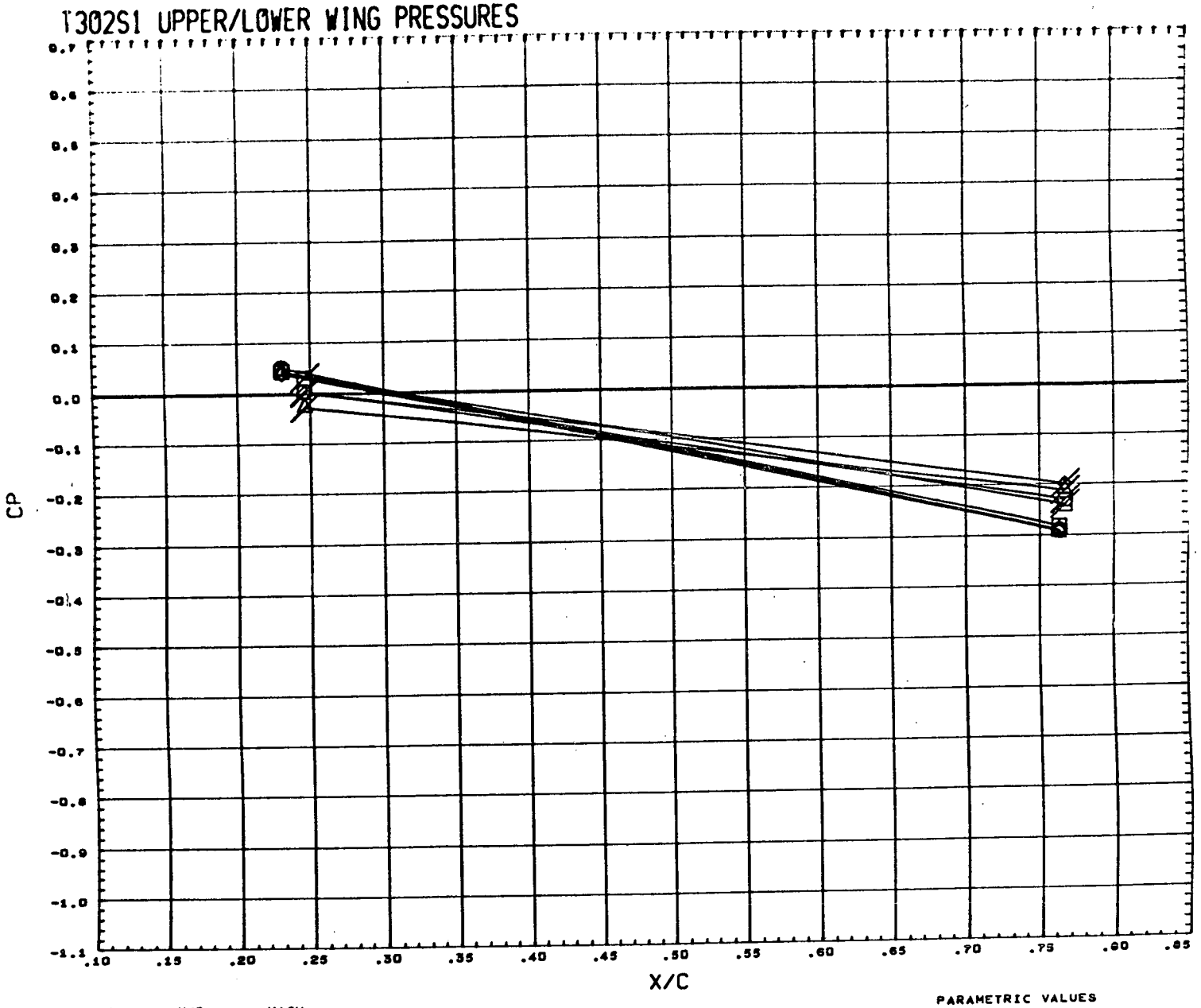
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.460
△	- 4.000		
◇	- 2.000		
□	0.000		

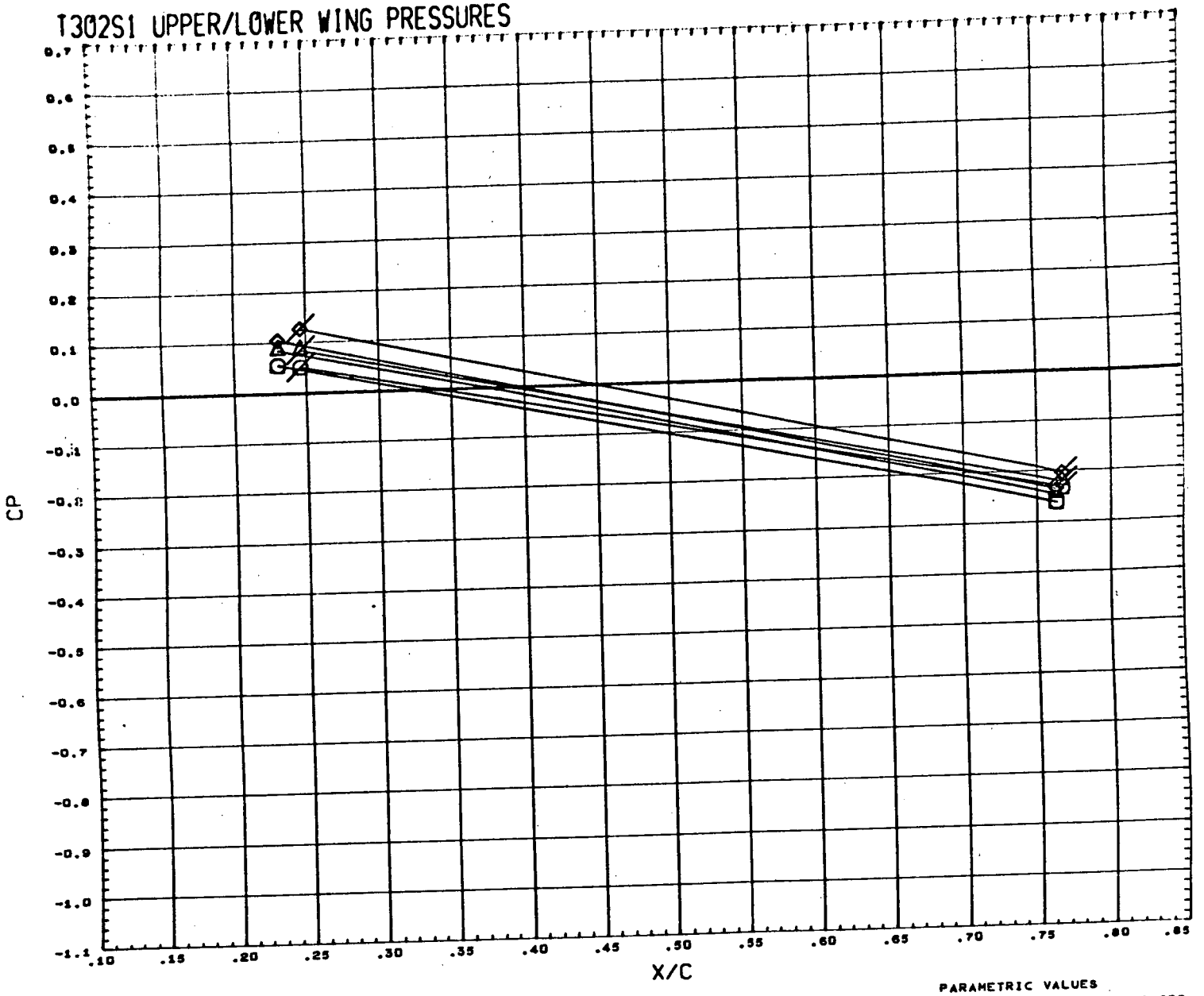
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.460
△	4.000		
◇	6.000		

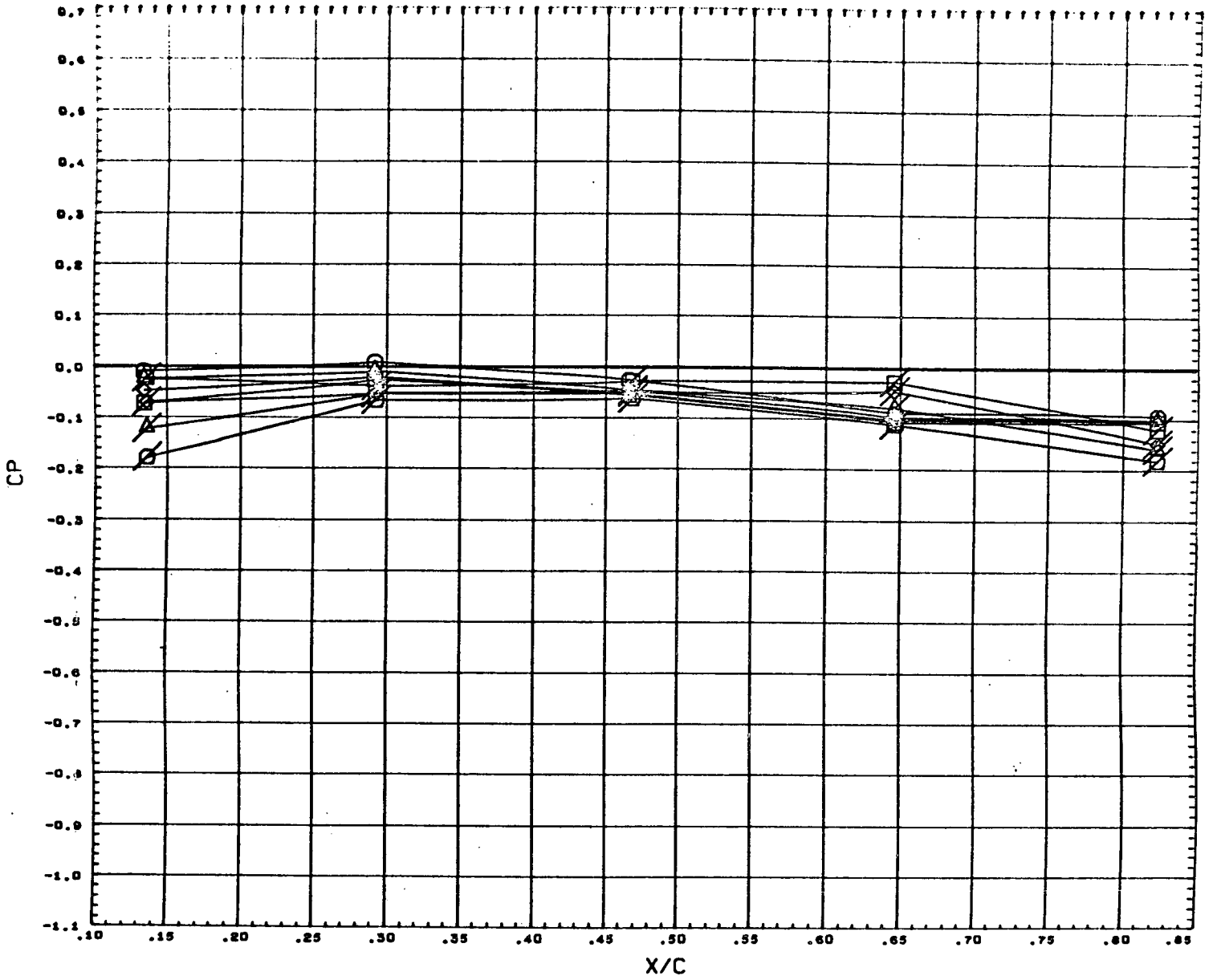
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.957
△	4.000		
◇	2.000		
□	0.000		

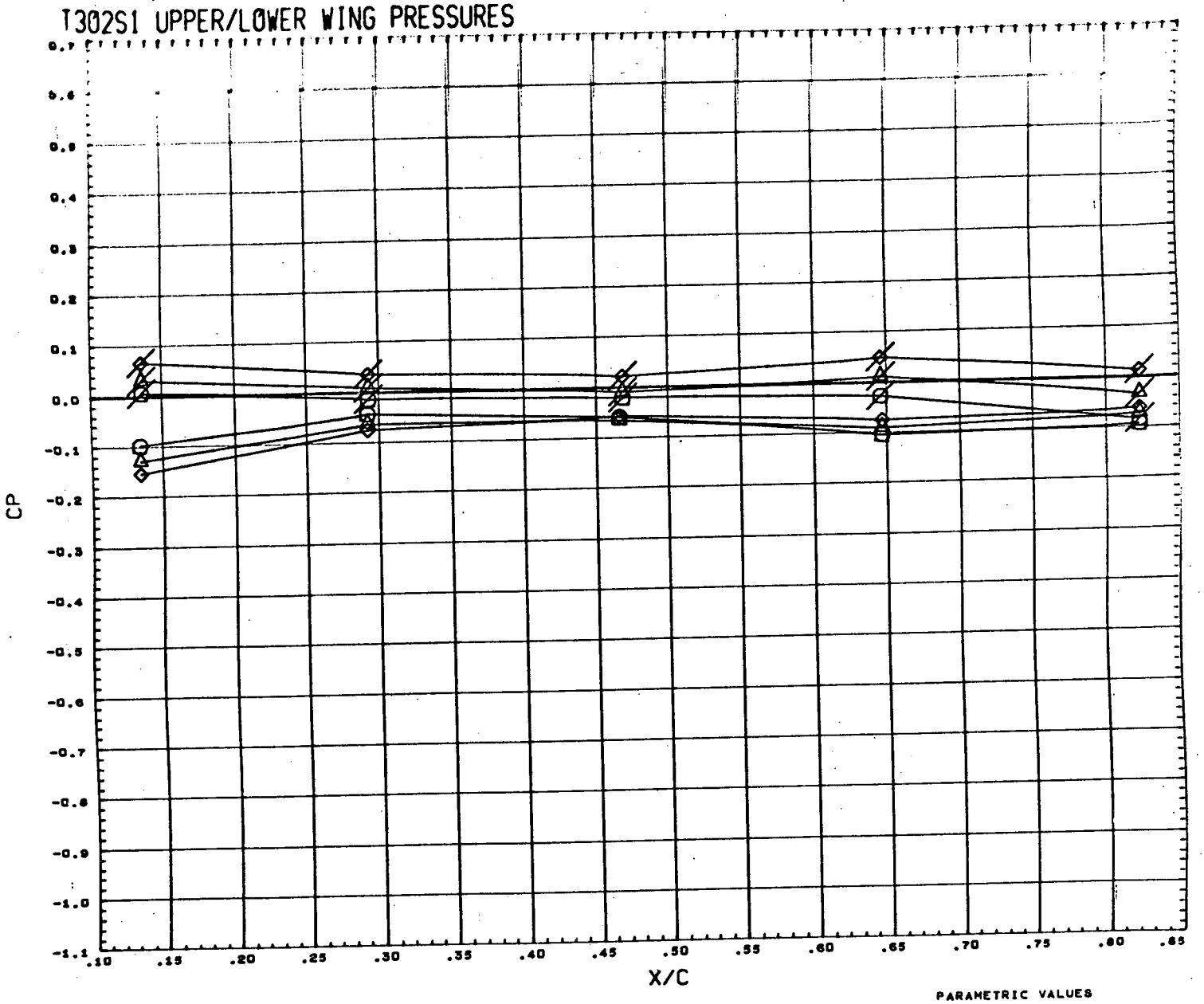
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.957
△	4.000		
◇	6.000		

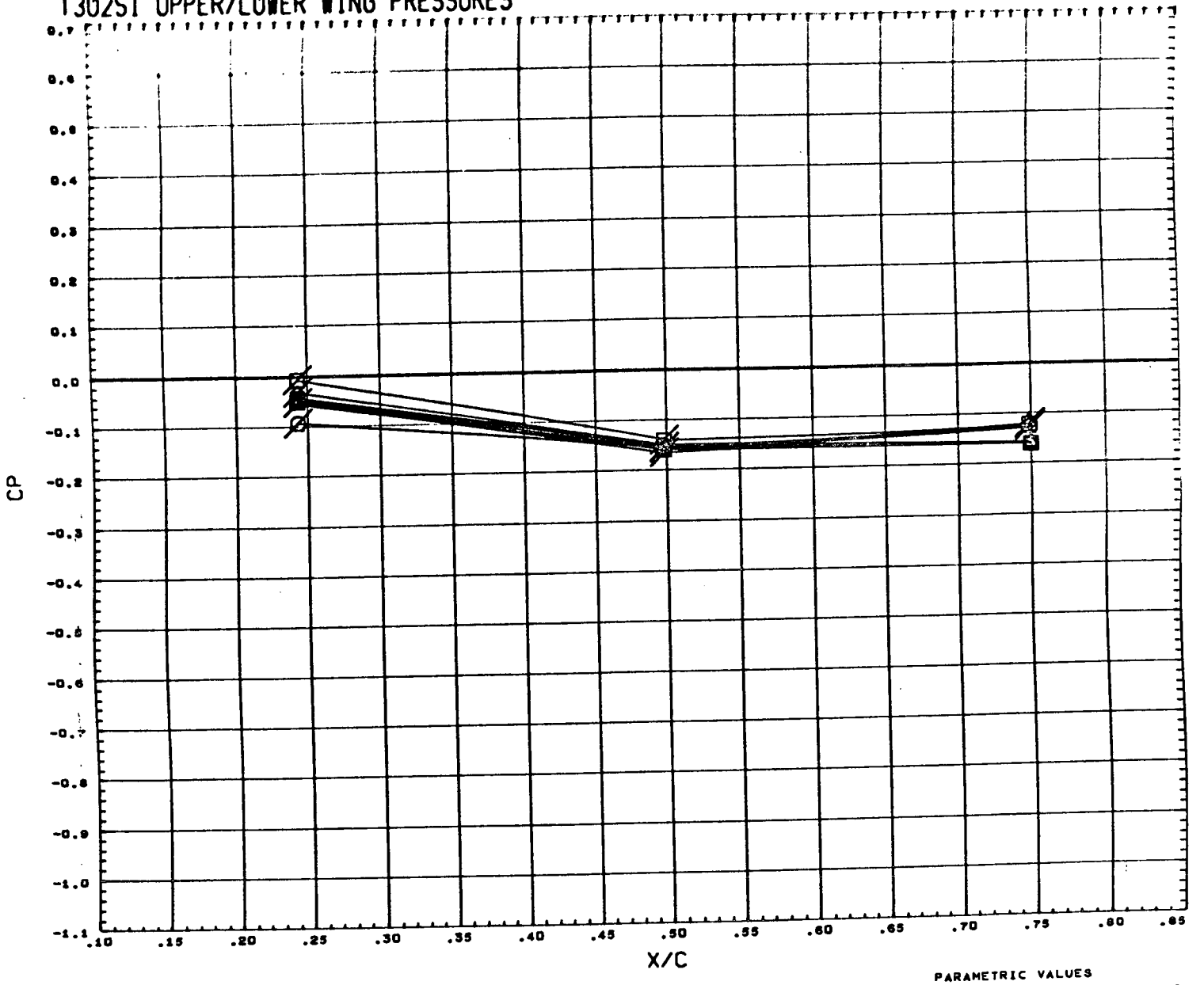
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

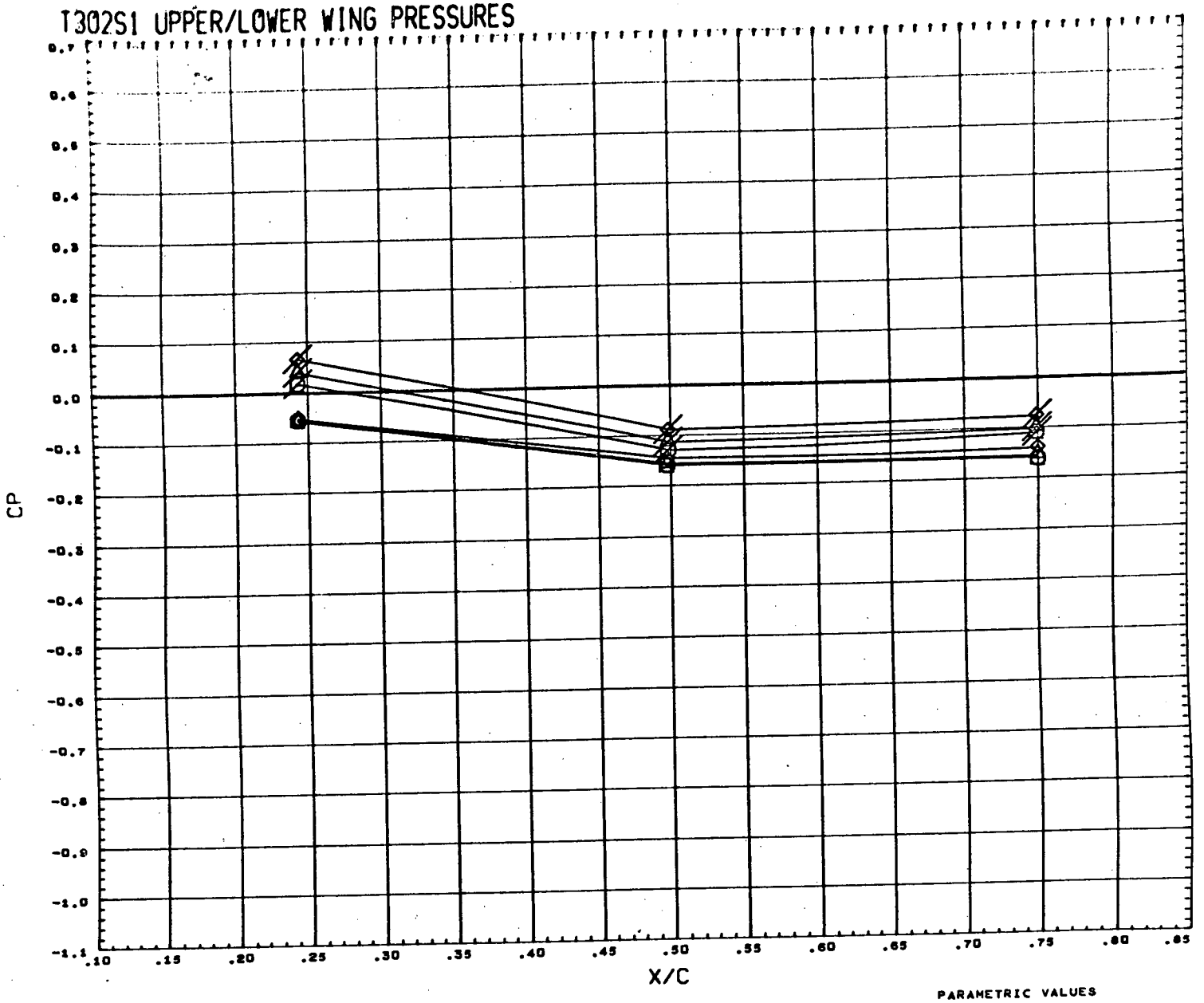
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

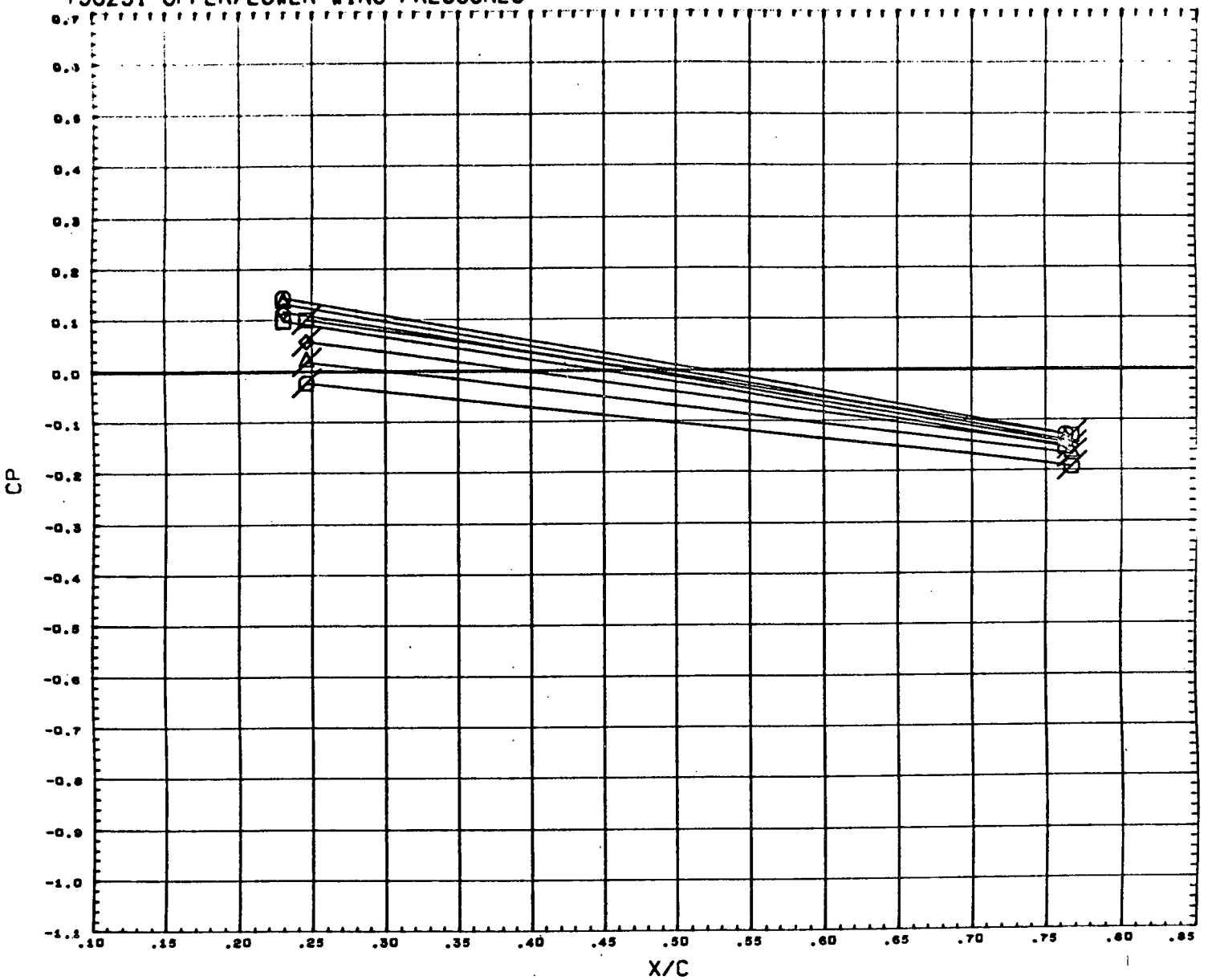
ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

C7

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

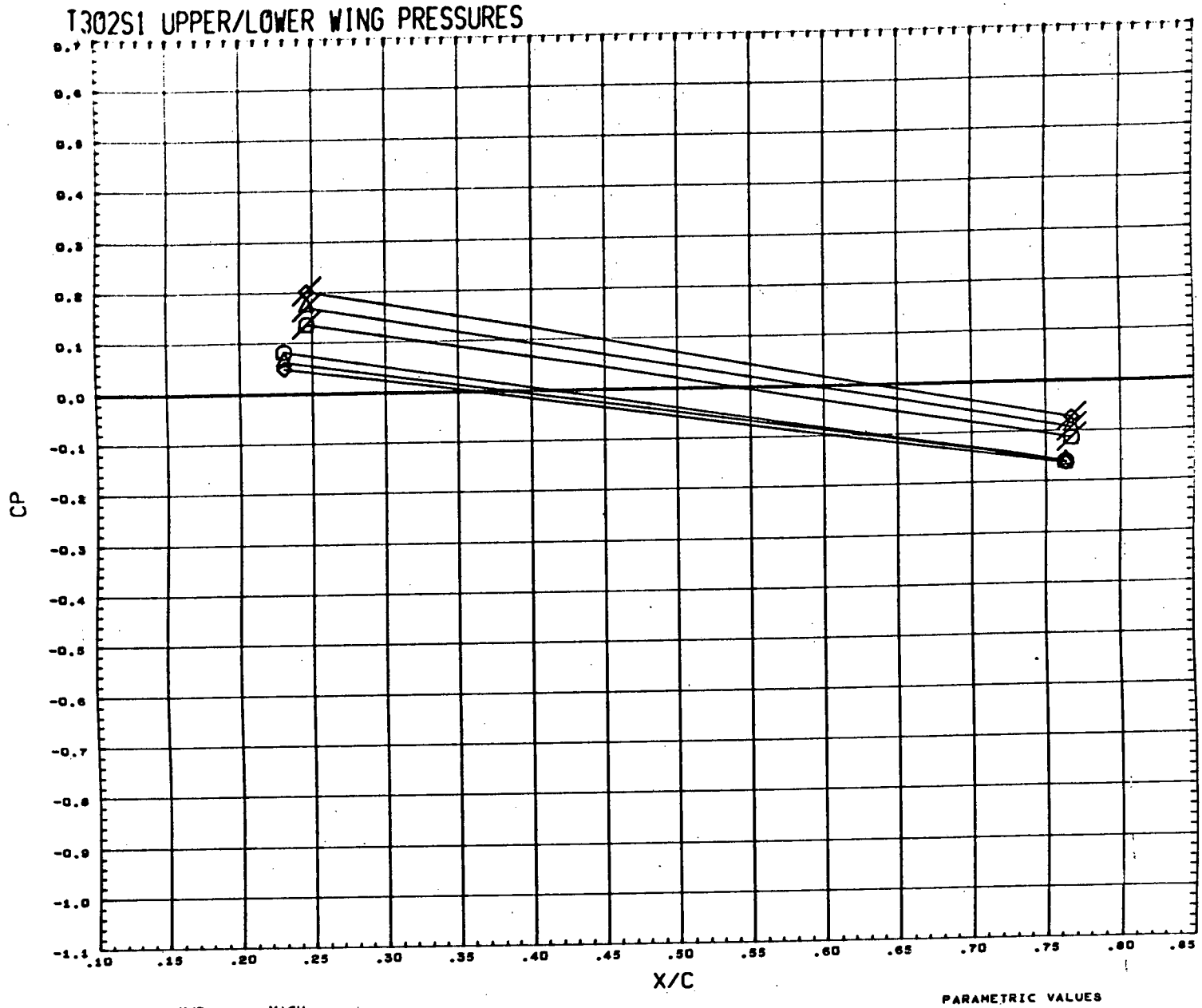
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.957
△	4.000		
◇	6.000		

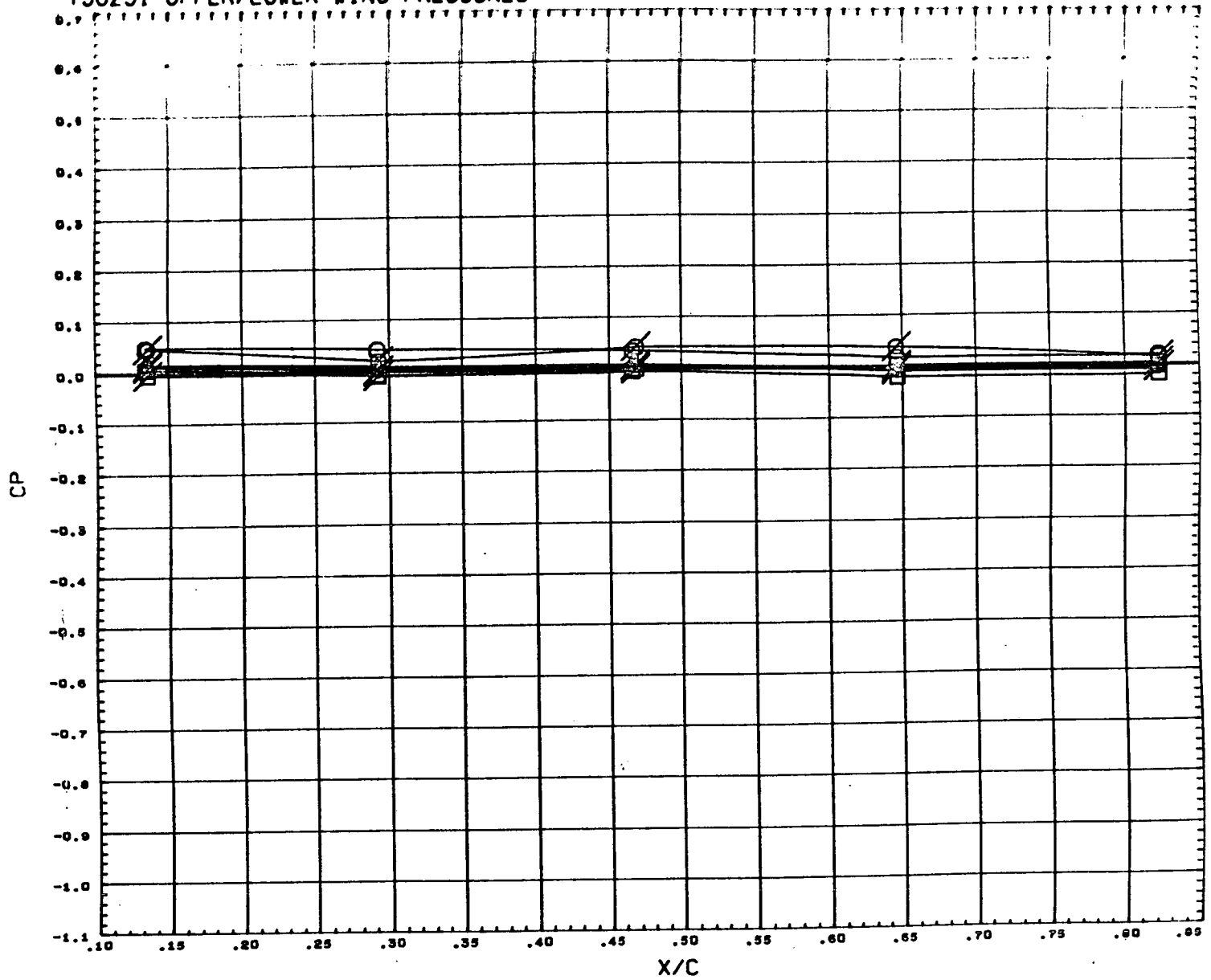
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73018)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73018)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○ -	6.000	0.290	4.960
△	0.000		
◇	2.000		
□	6.000		

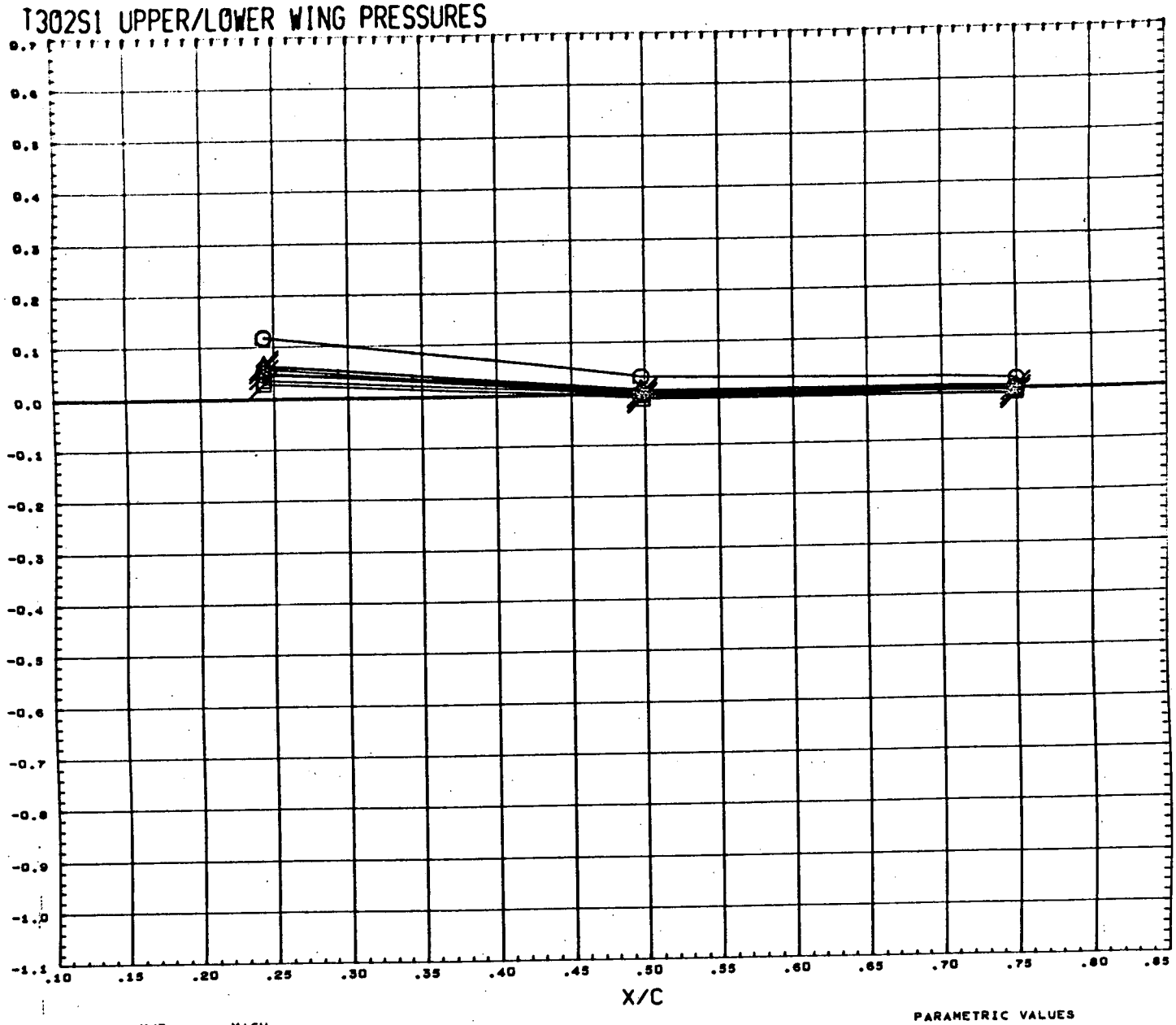
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73019)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73019)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	6.000	0.560	4.960
△	0.000		
◇	2.000		
□	6.000		

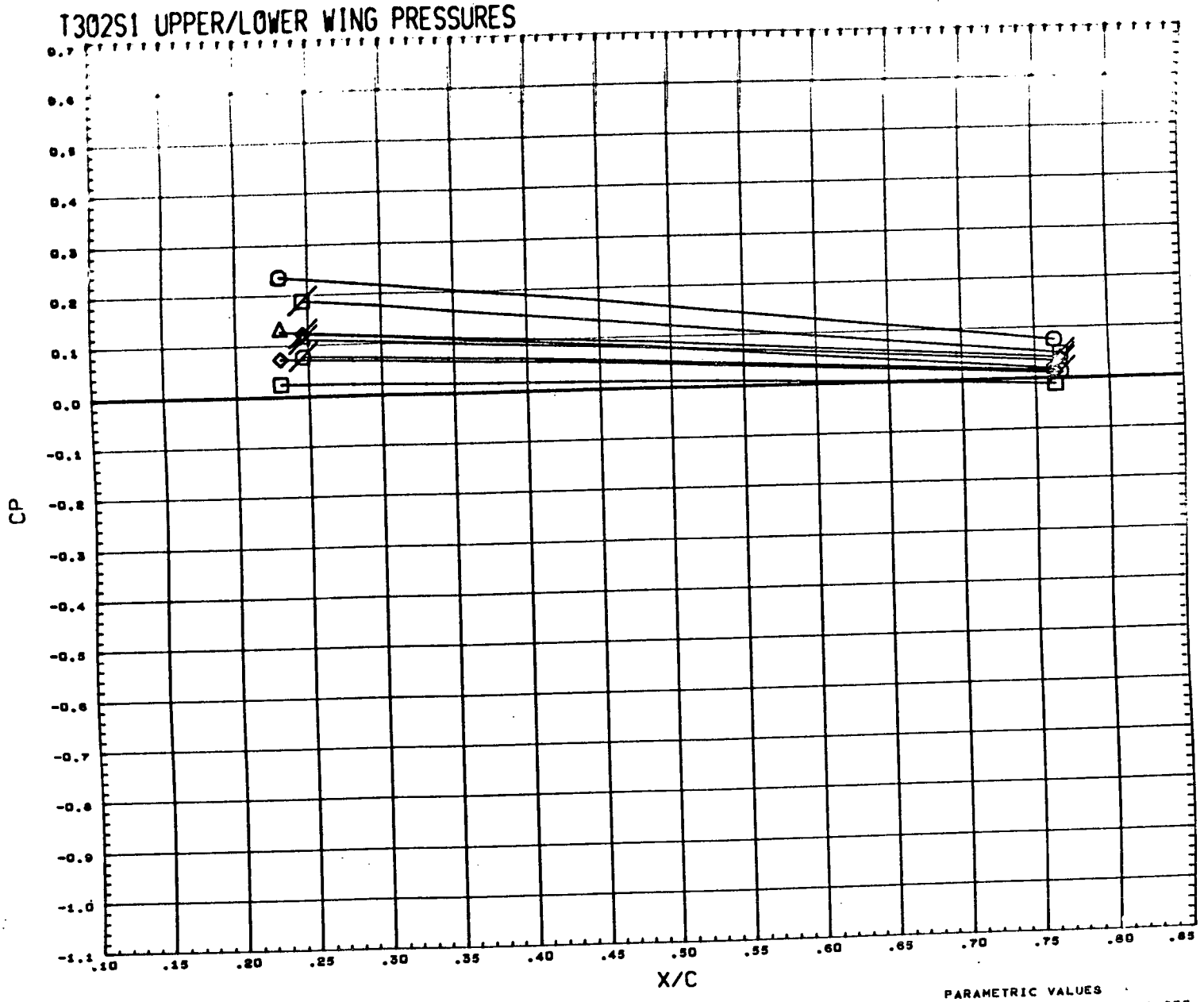
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873019)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73019)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	6.000	0.845	4.960
△	0.000		
◇	2.000		
□	6.000		

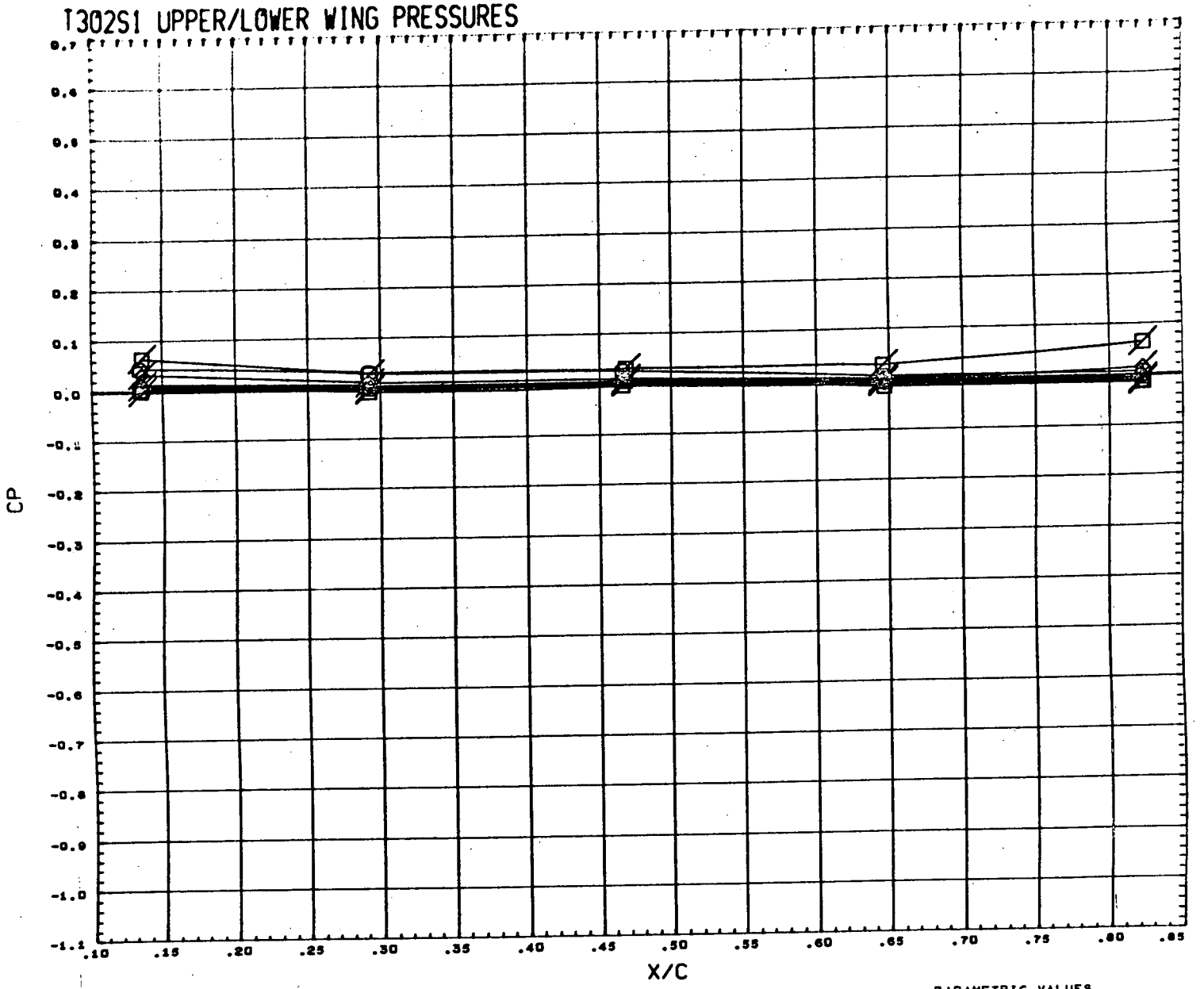
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73019)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73019)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	4.960
△	0.000		
◇	2.000		
□	6.000		

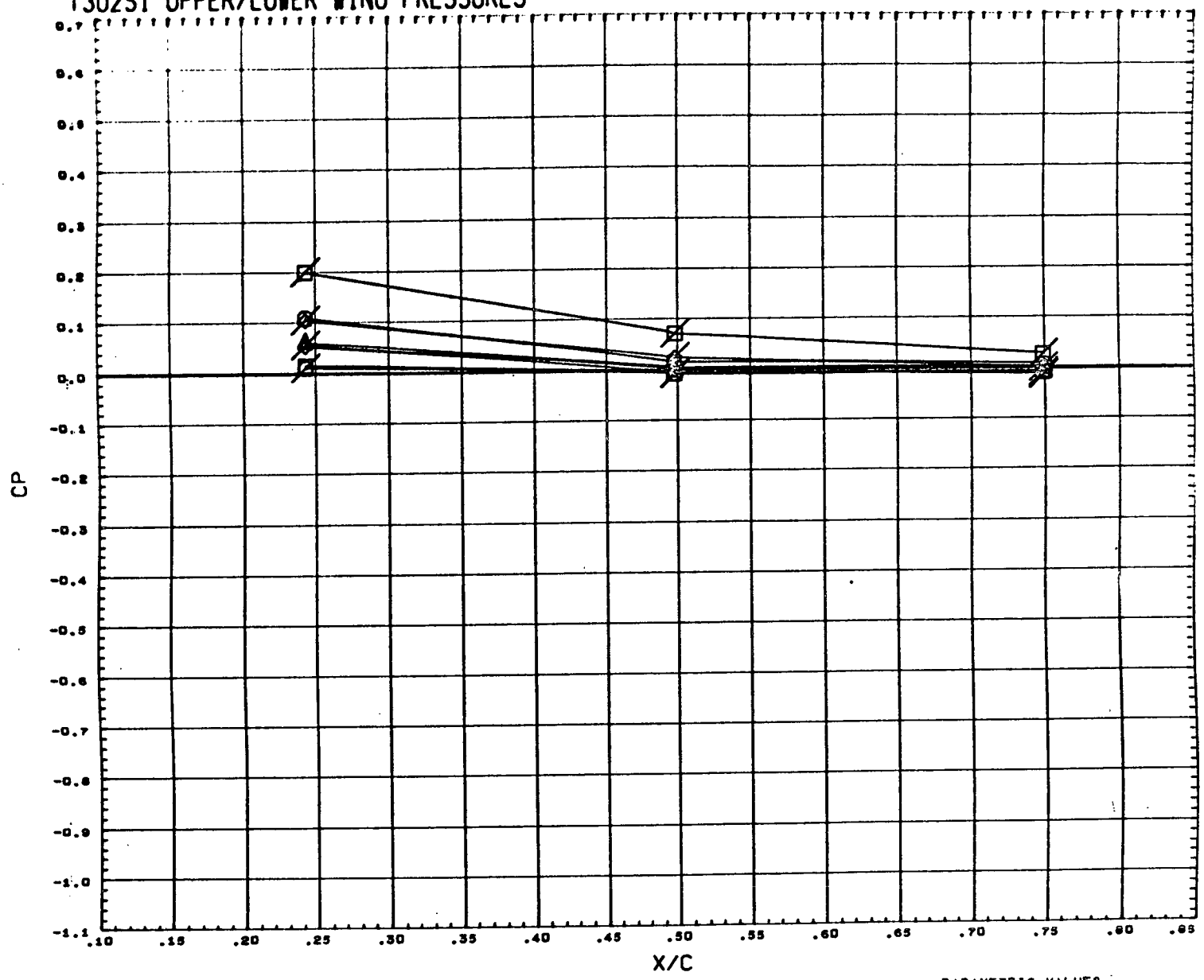
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873020)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73020)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	4.960
△	0.000		
◇	2.000		
□	6.000		

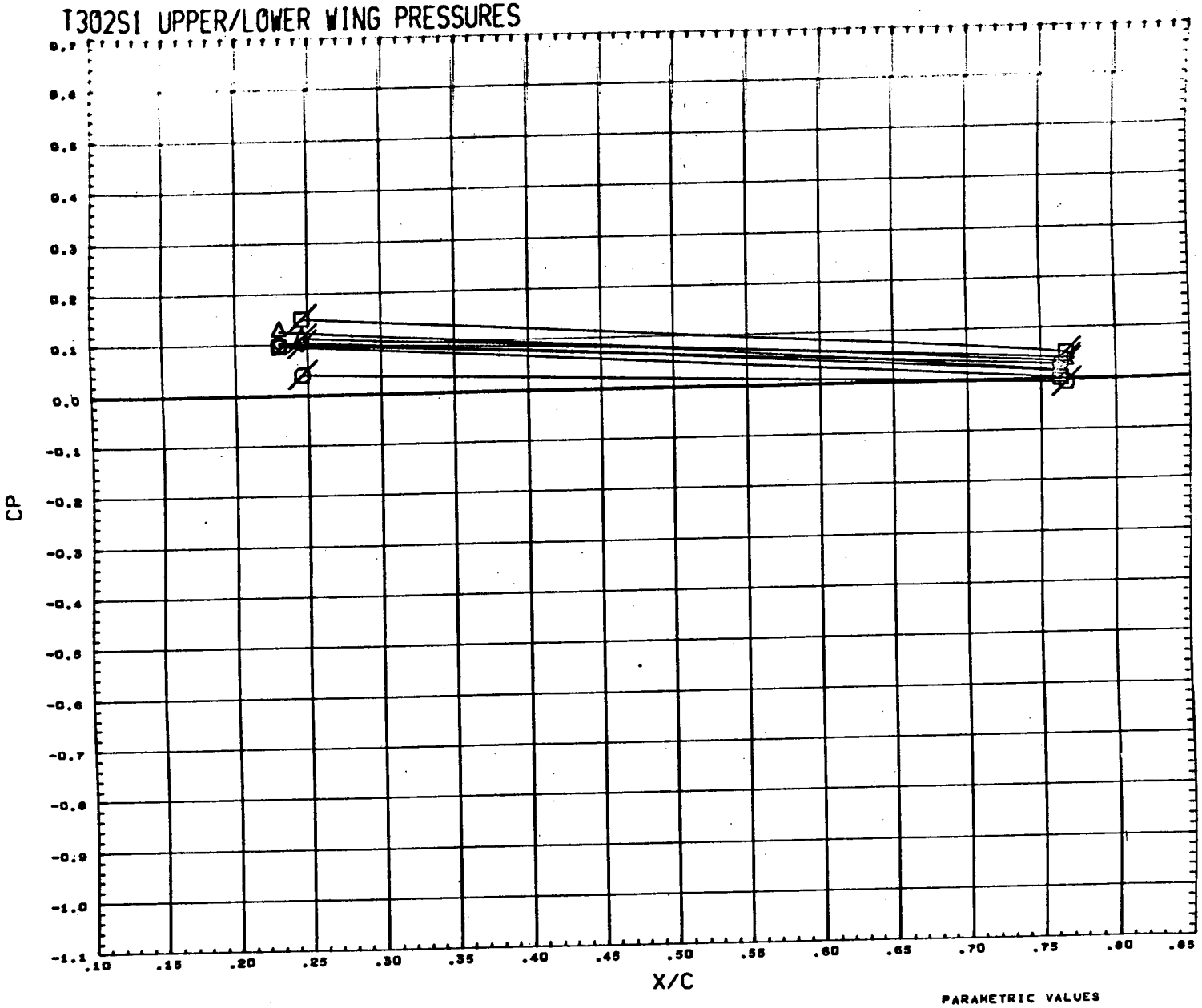
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73020)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73020)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



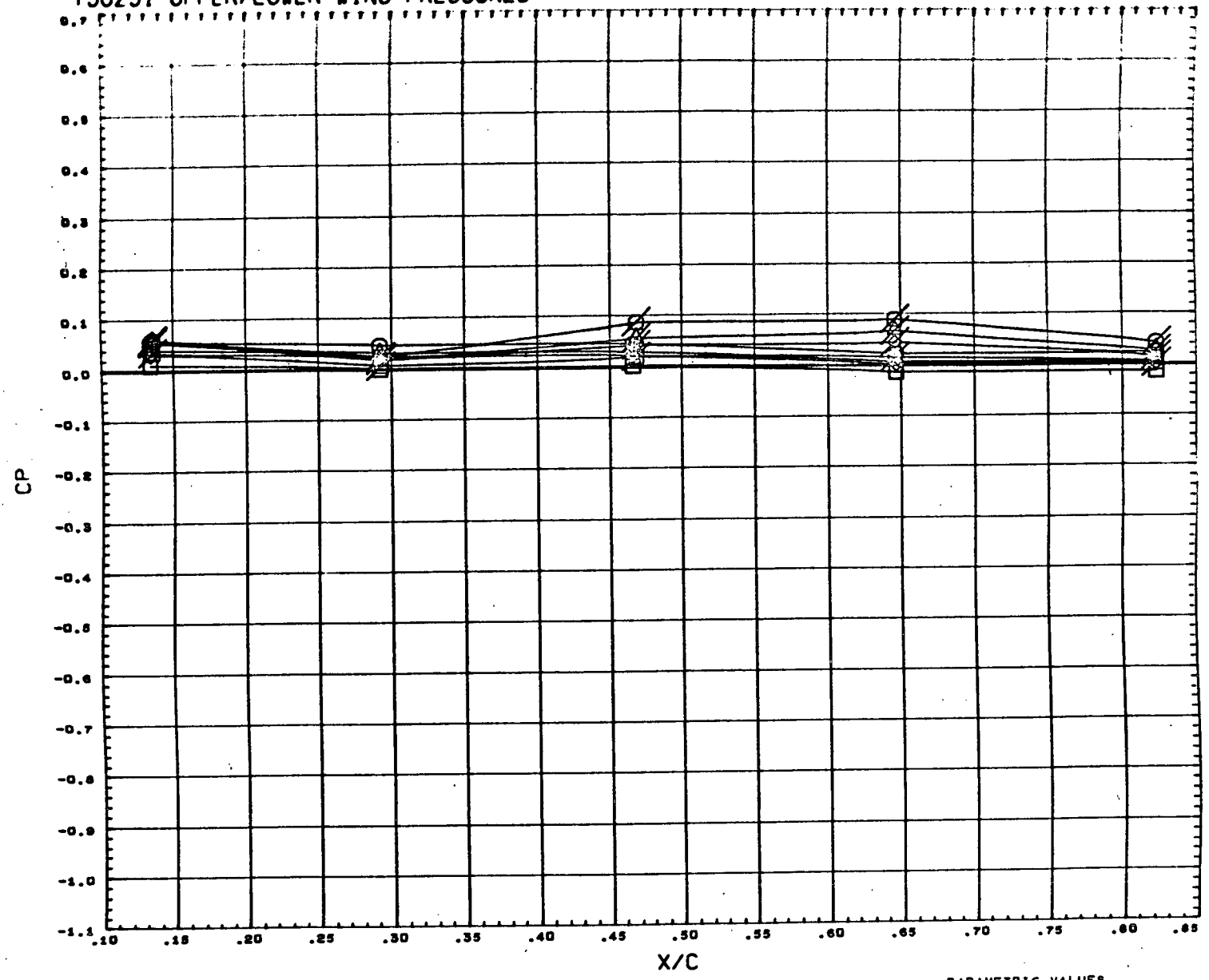
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	4.960
△	0.000		
◇	2.000		
□	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC -	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION.
(873020)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73020)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



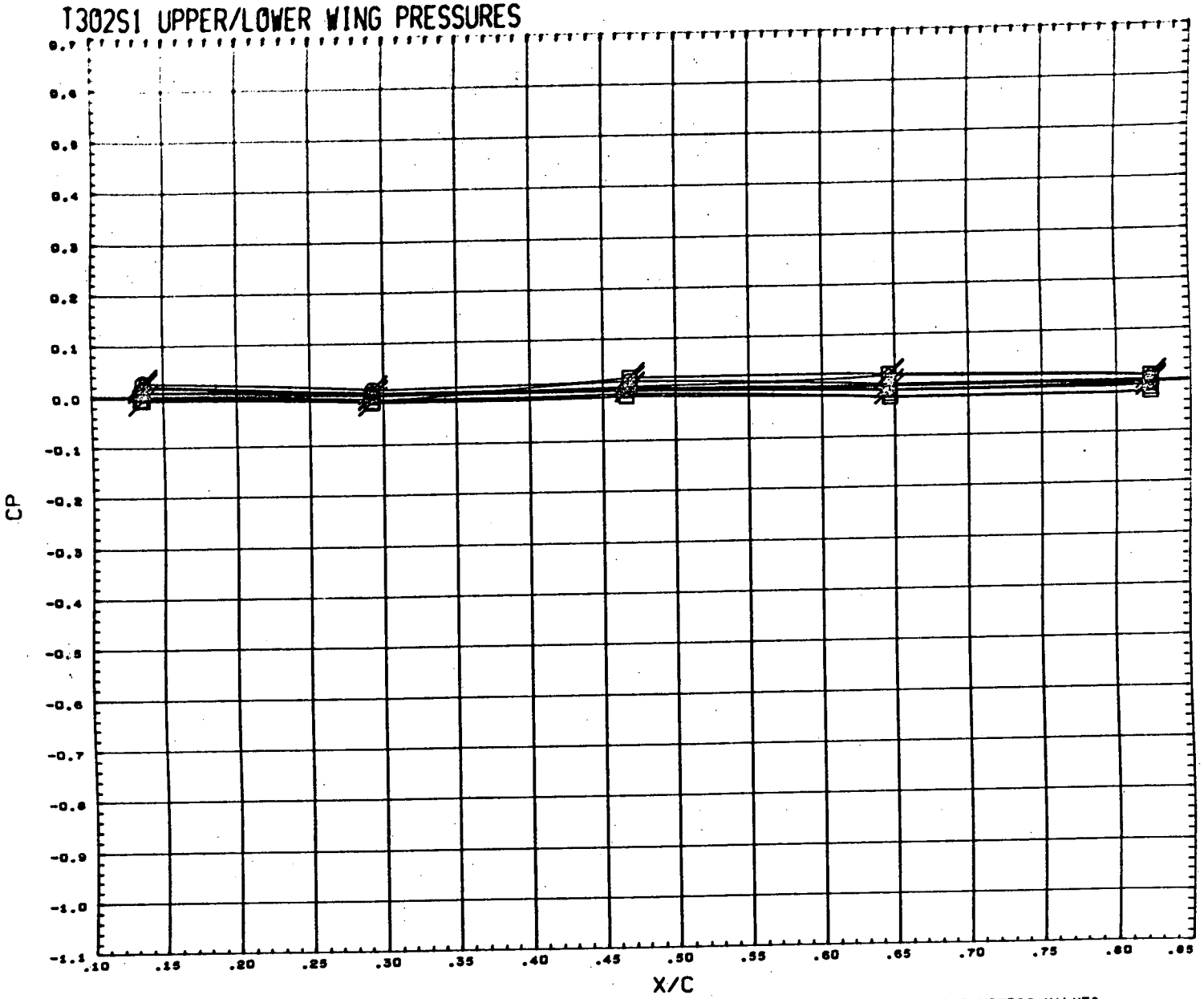
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



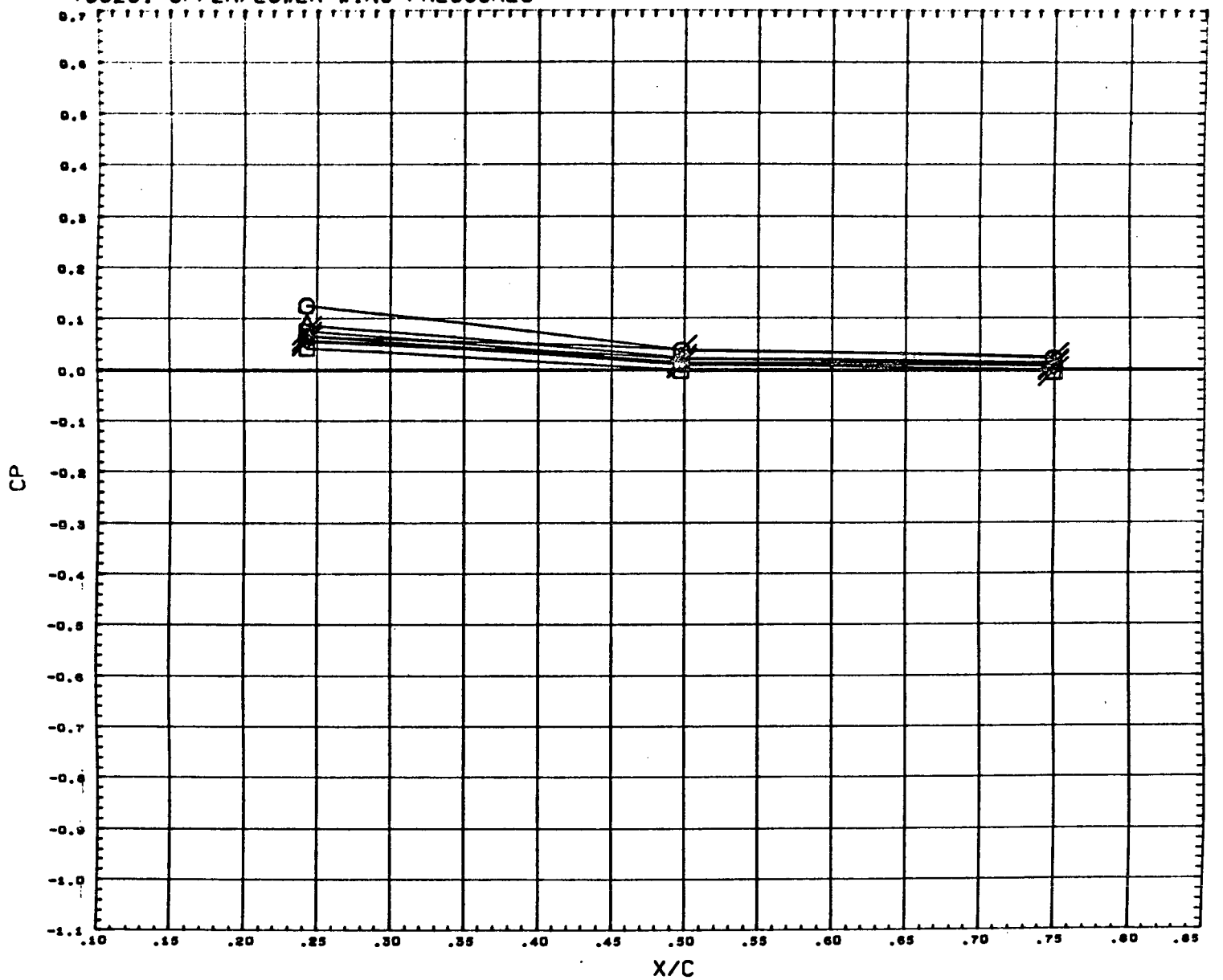
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	4.960
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



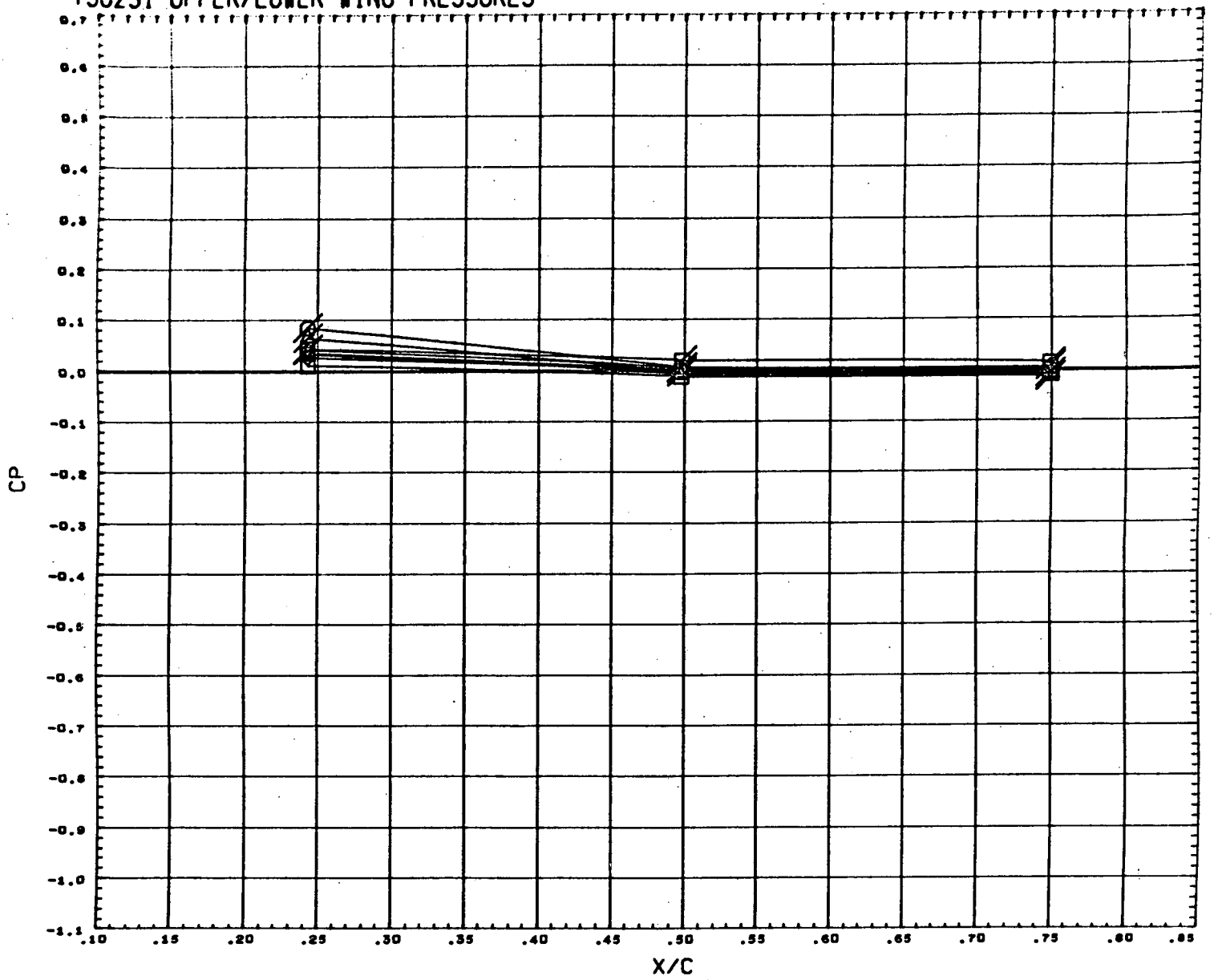
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

BETA	-0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



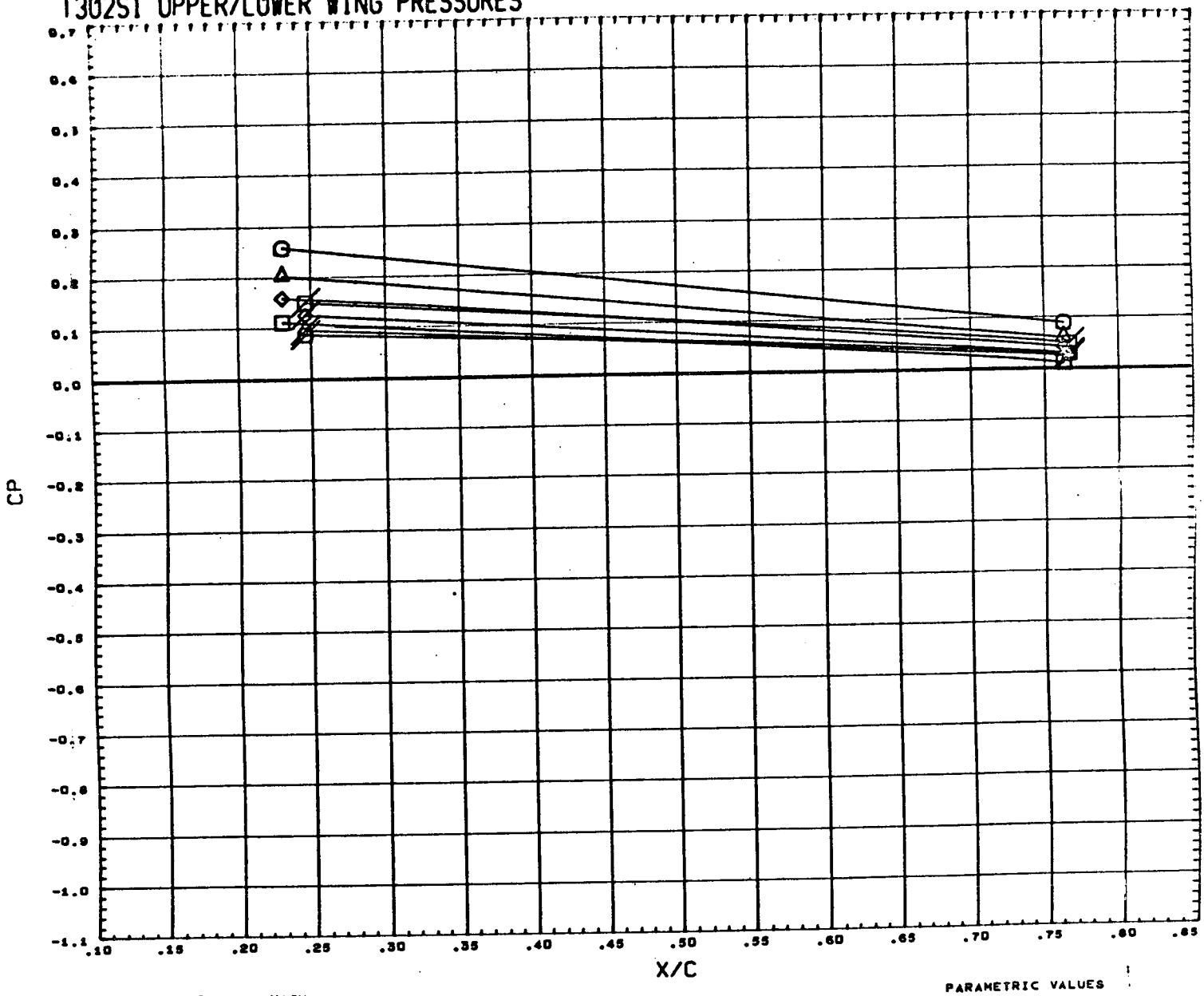
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	4.960
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	4.960
△	6.000		
◇	4.000		
□	0.000		

PARAMETRIC VALUES

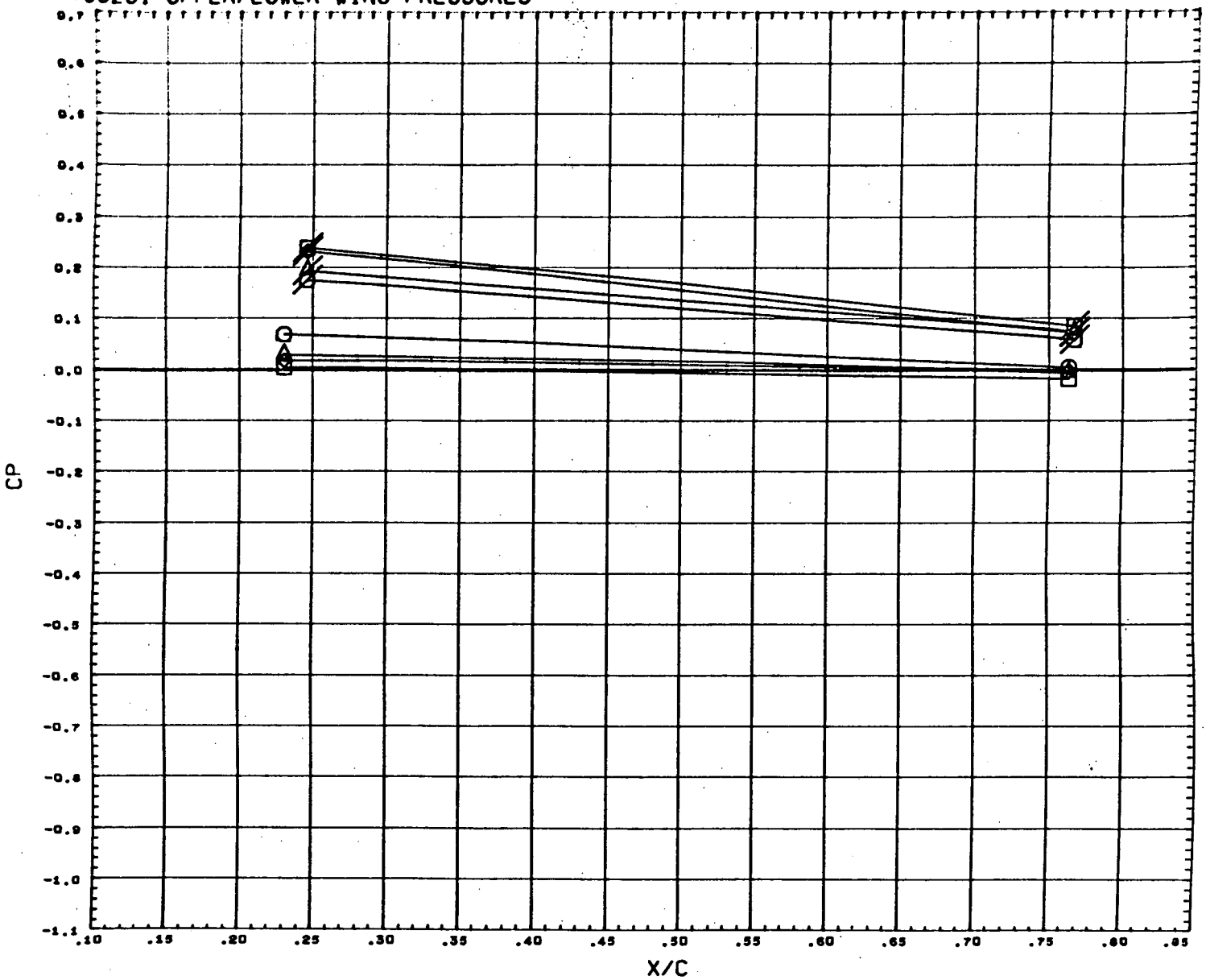
BETA 0.000 ORBINC 0.000

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

B

T302S1 UPPER/LOWER WING PRESSURES



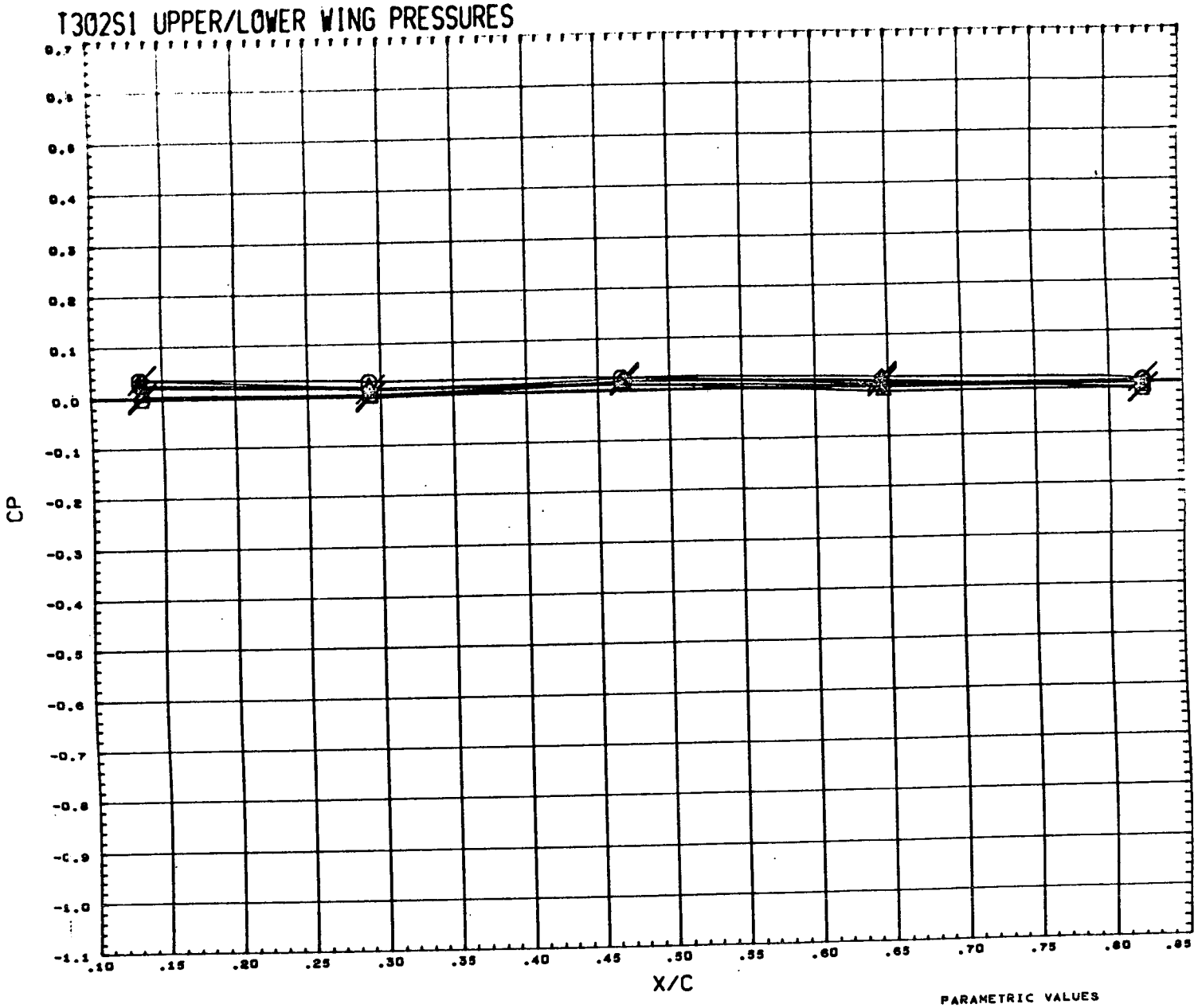
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	4.960
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73021)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73021)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



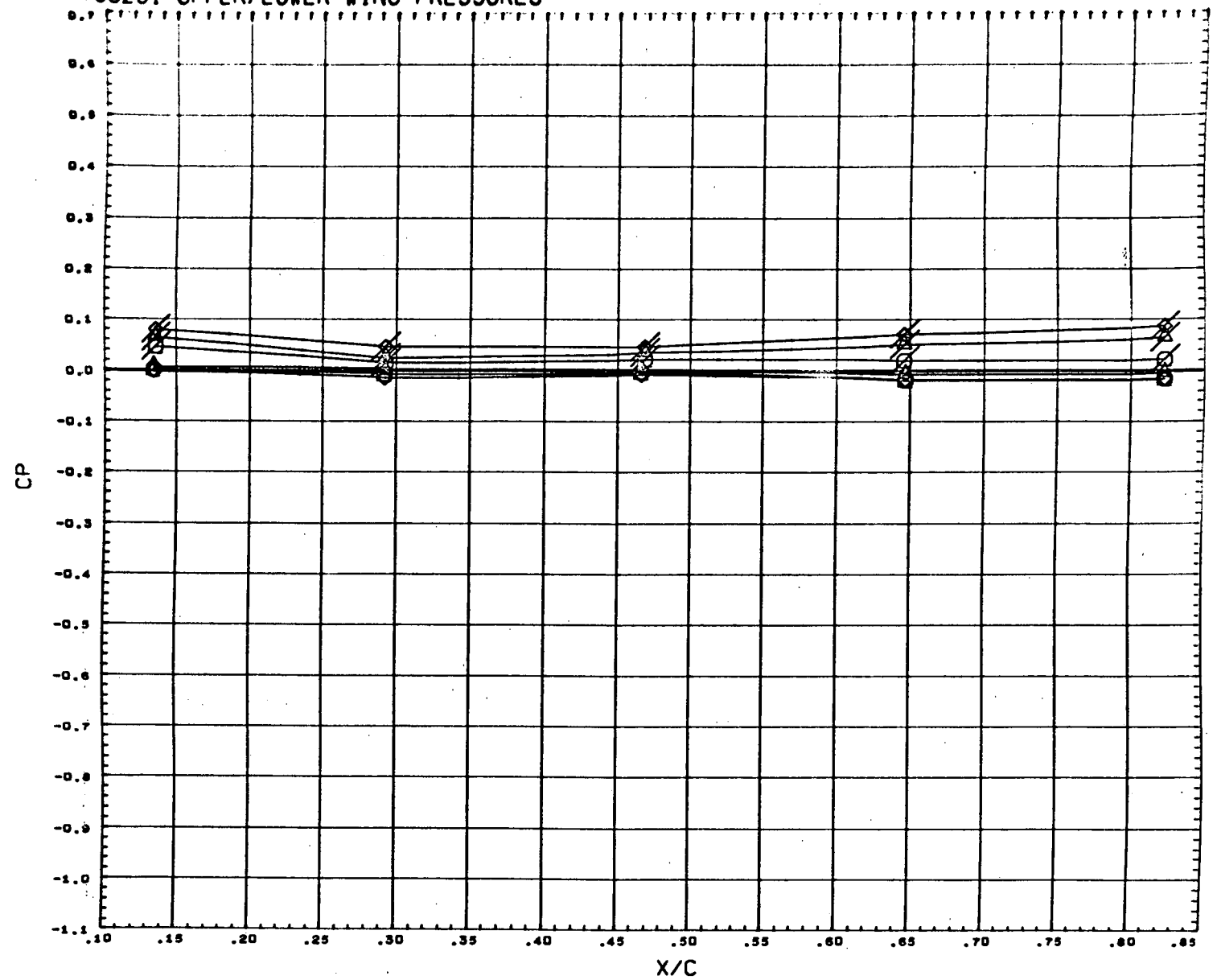
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	4.960
△	4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



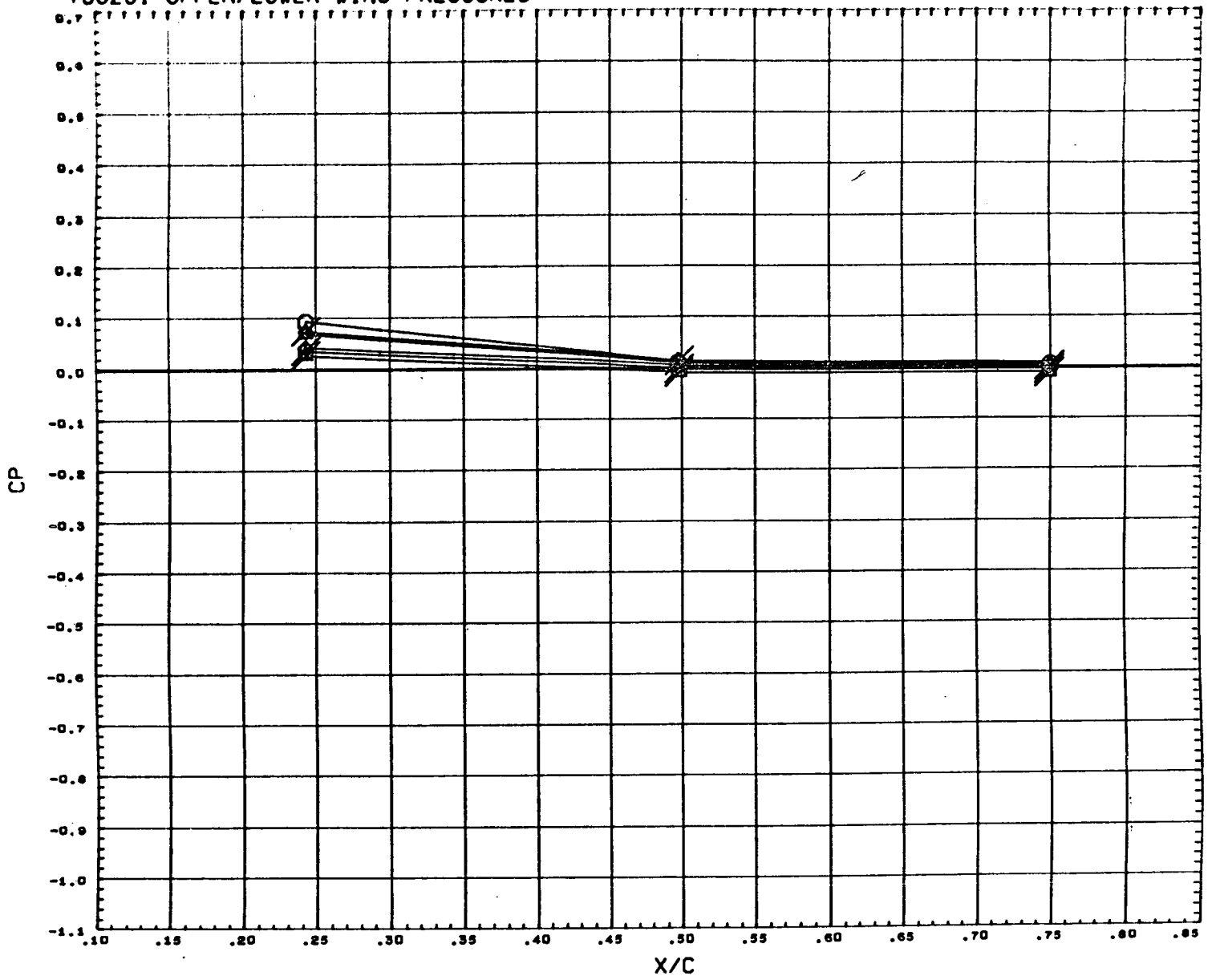
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	4.960
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



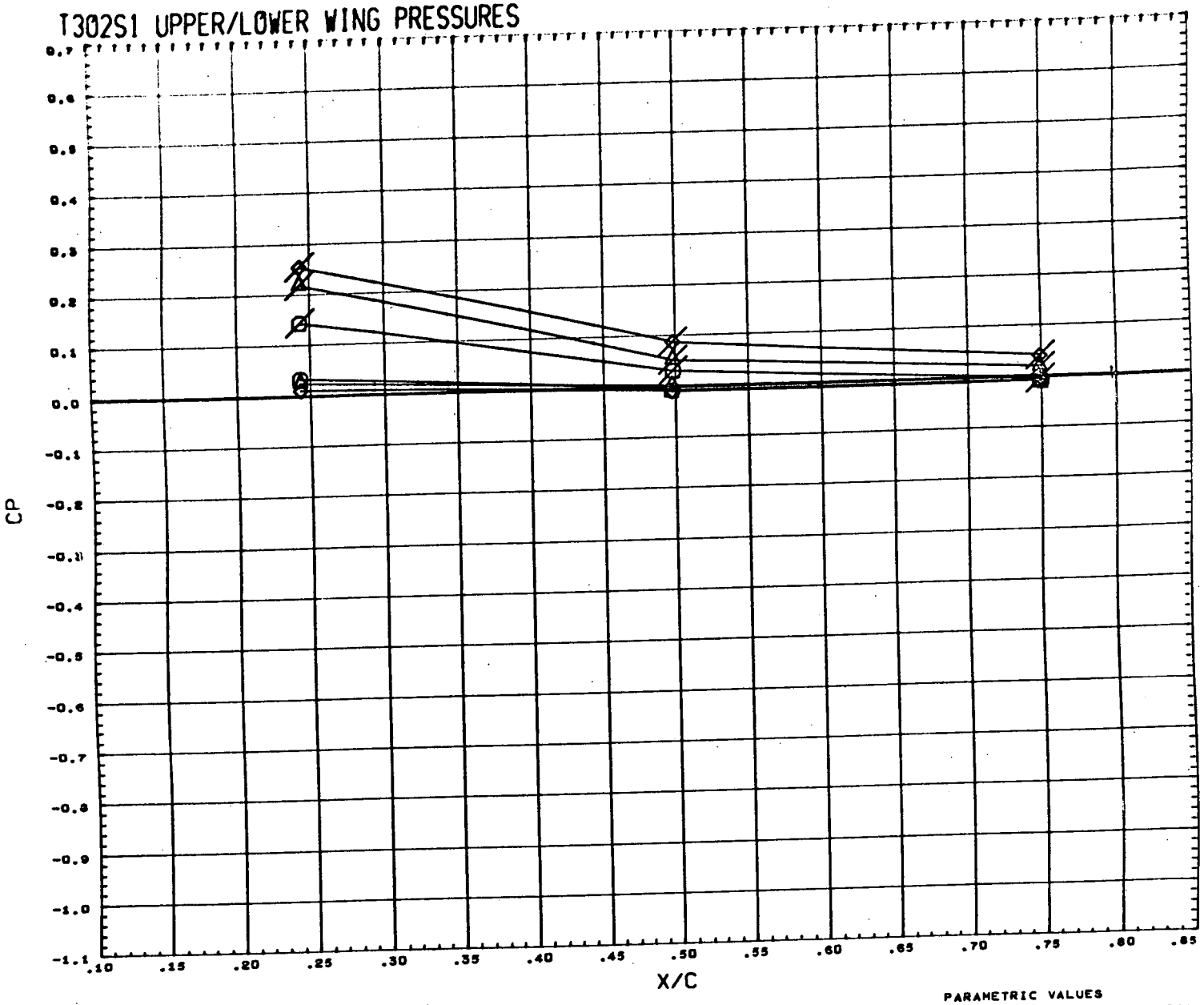
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	4.960
△	- 4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



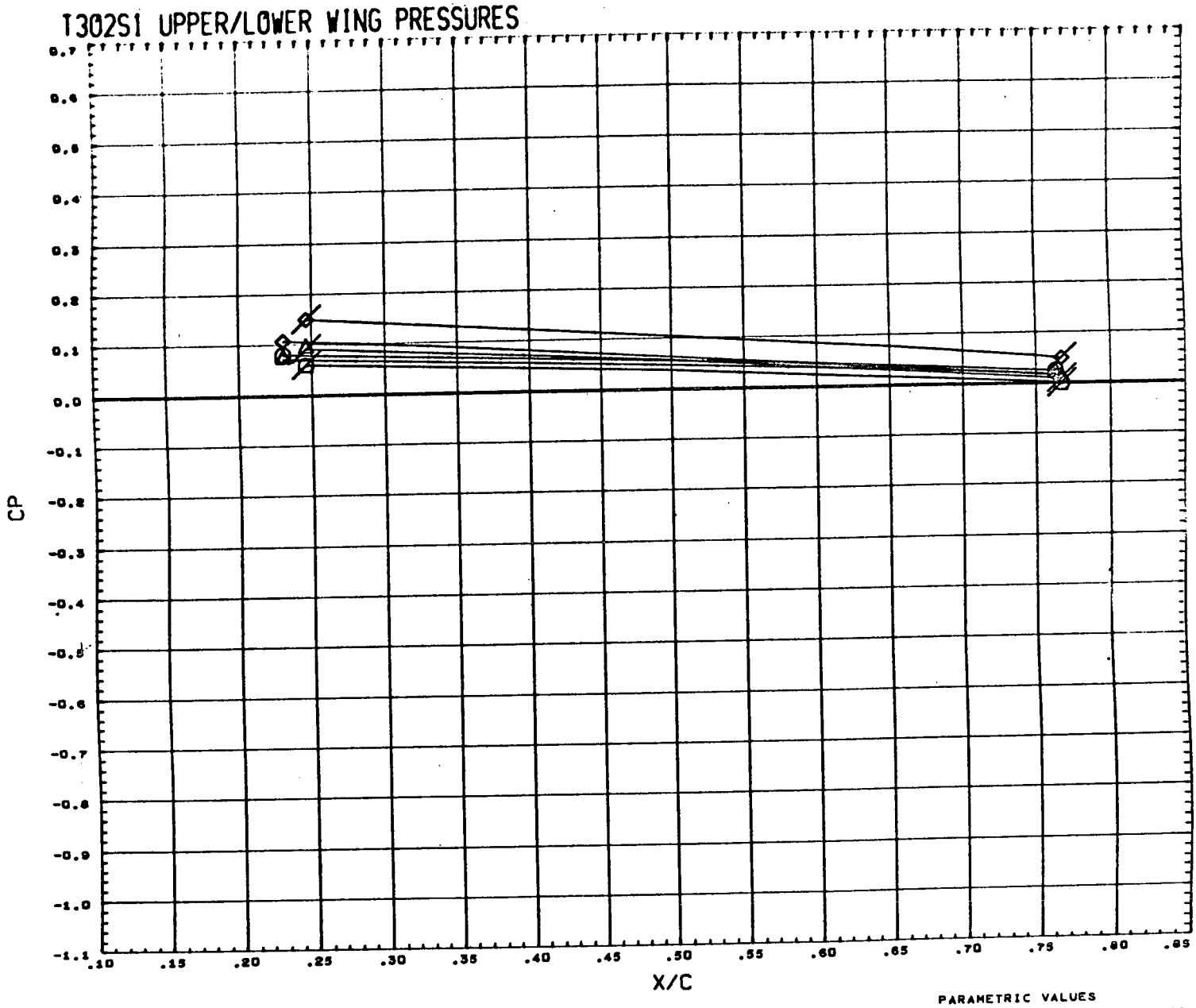
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	4.960
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



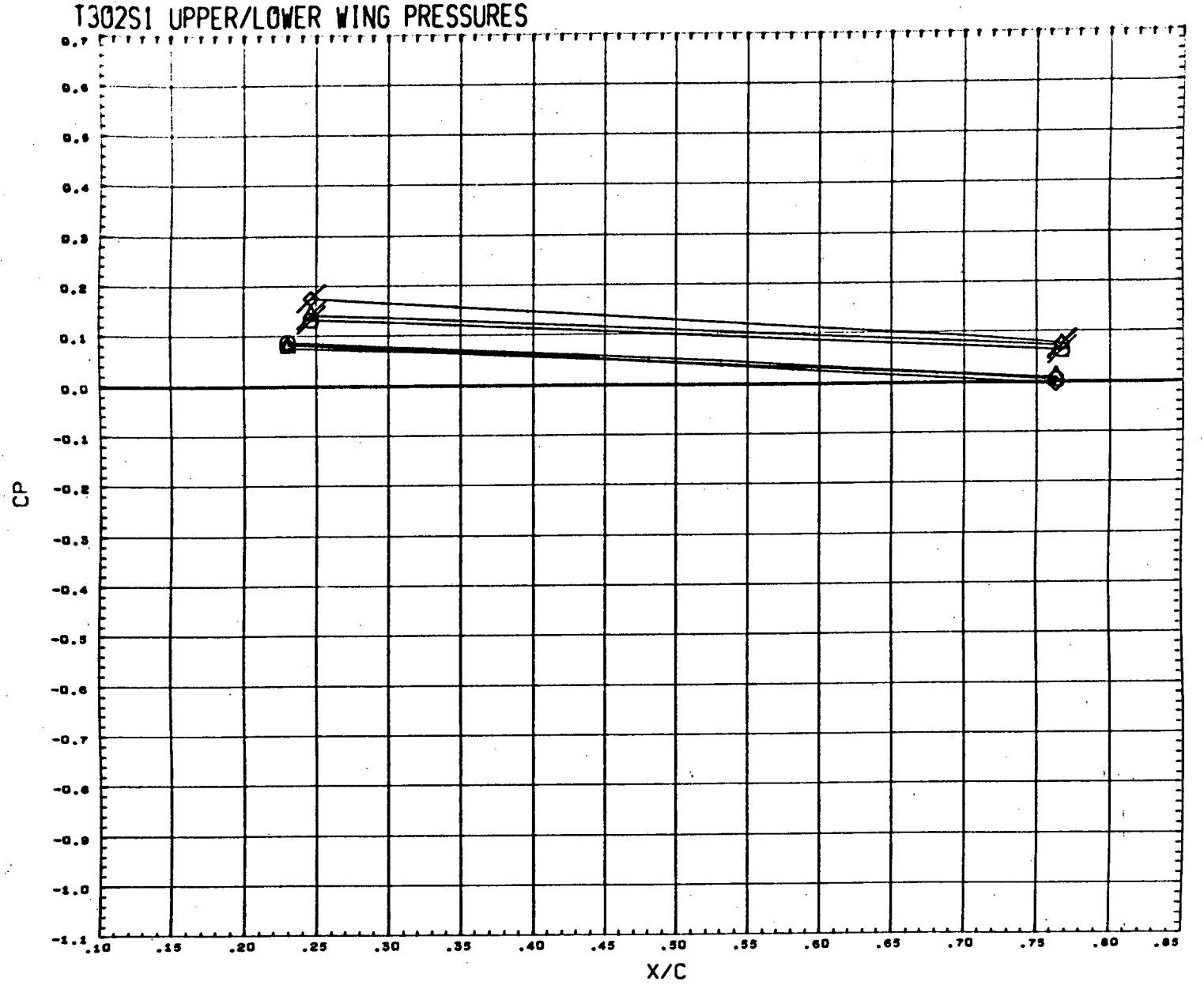
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	4.960
△	4.000		
◇	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



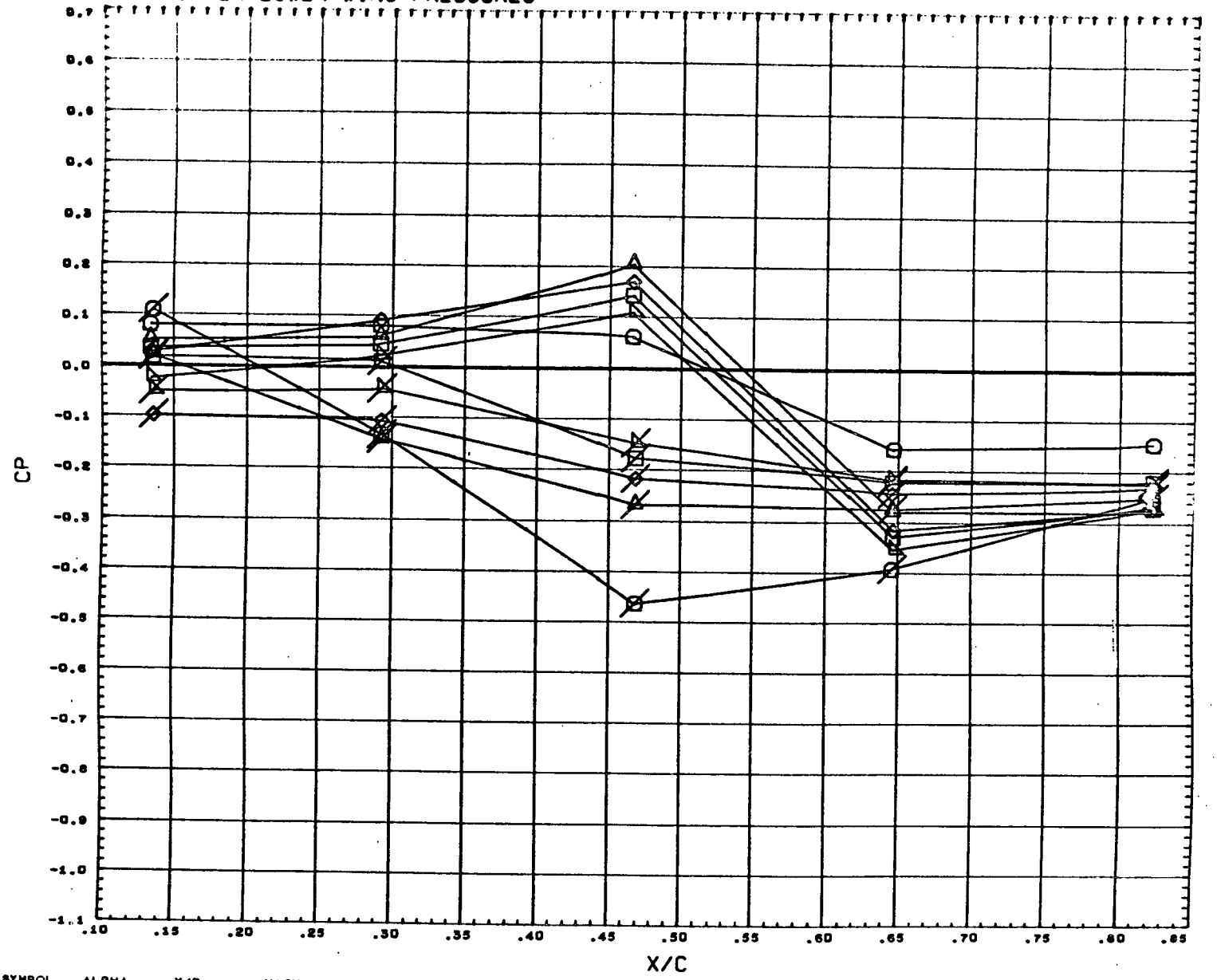
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	4.960
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73022)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73022)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.596
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

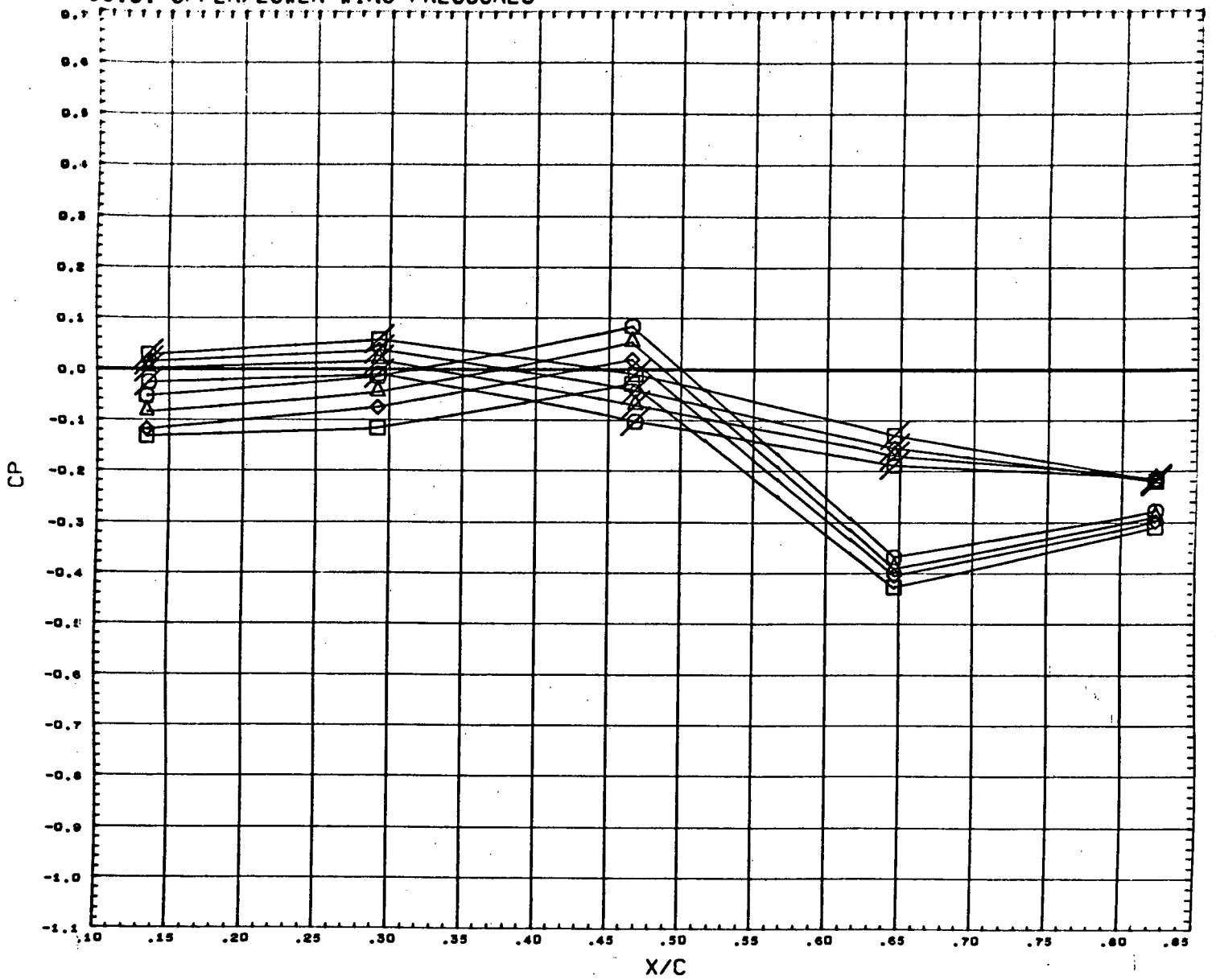
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.596
△	4.000		
◇	6.000		
□	8.000		

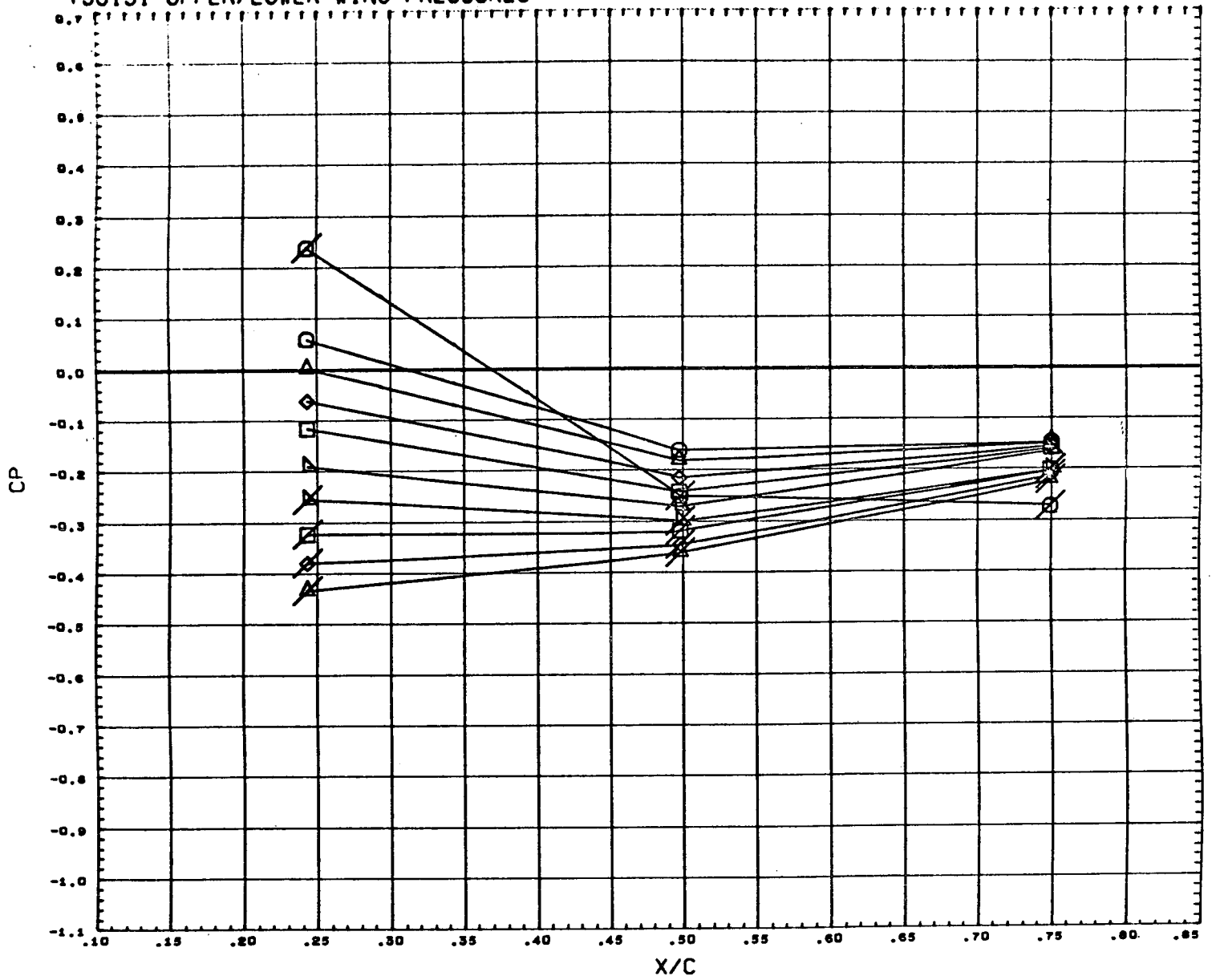
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



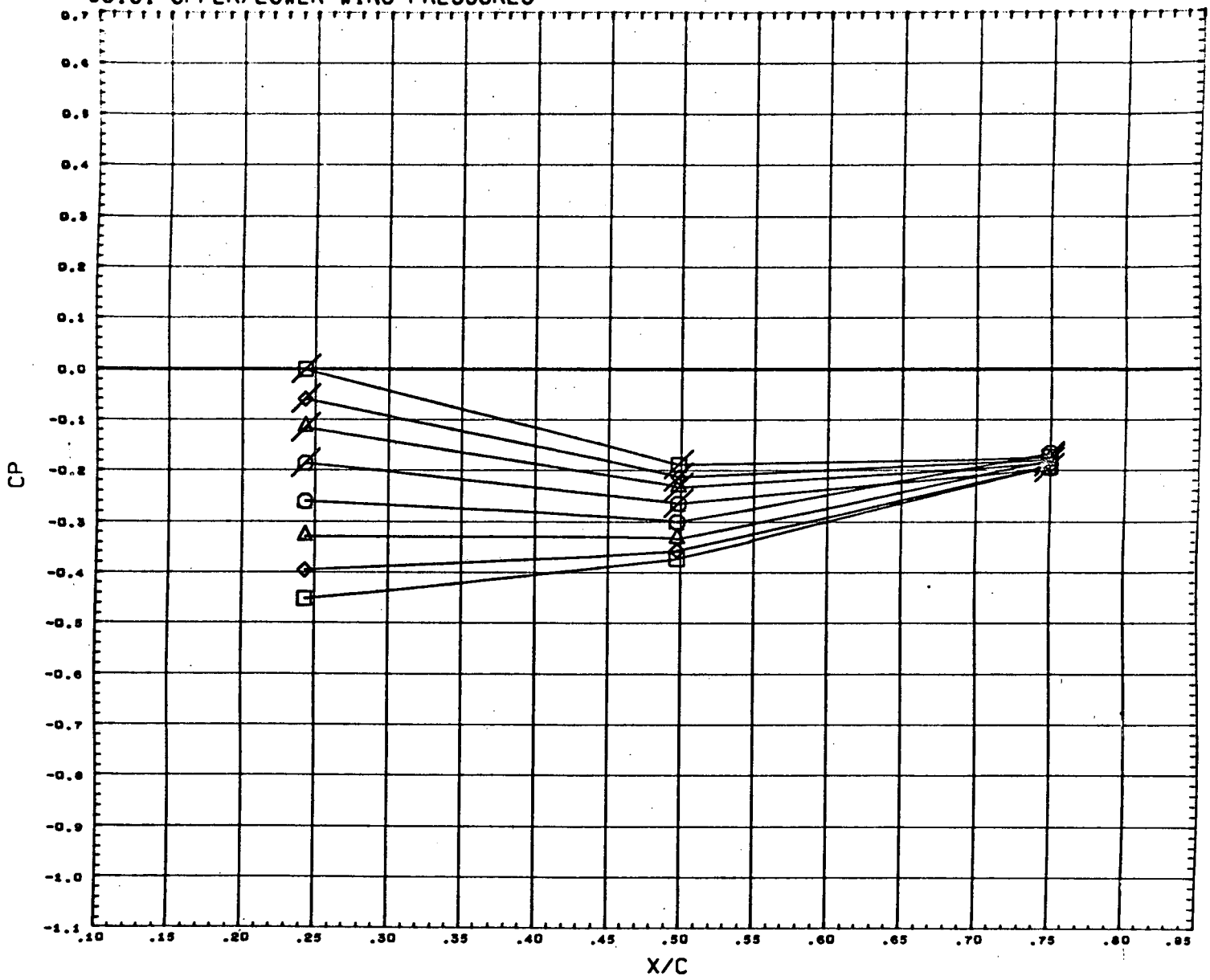
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.596
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.596
△	4.000		
◇	6.000		
□	8.000		

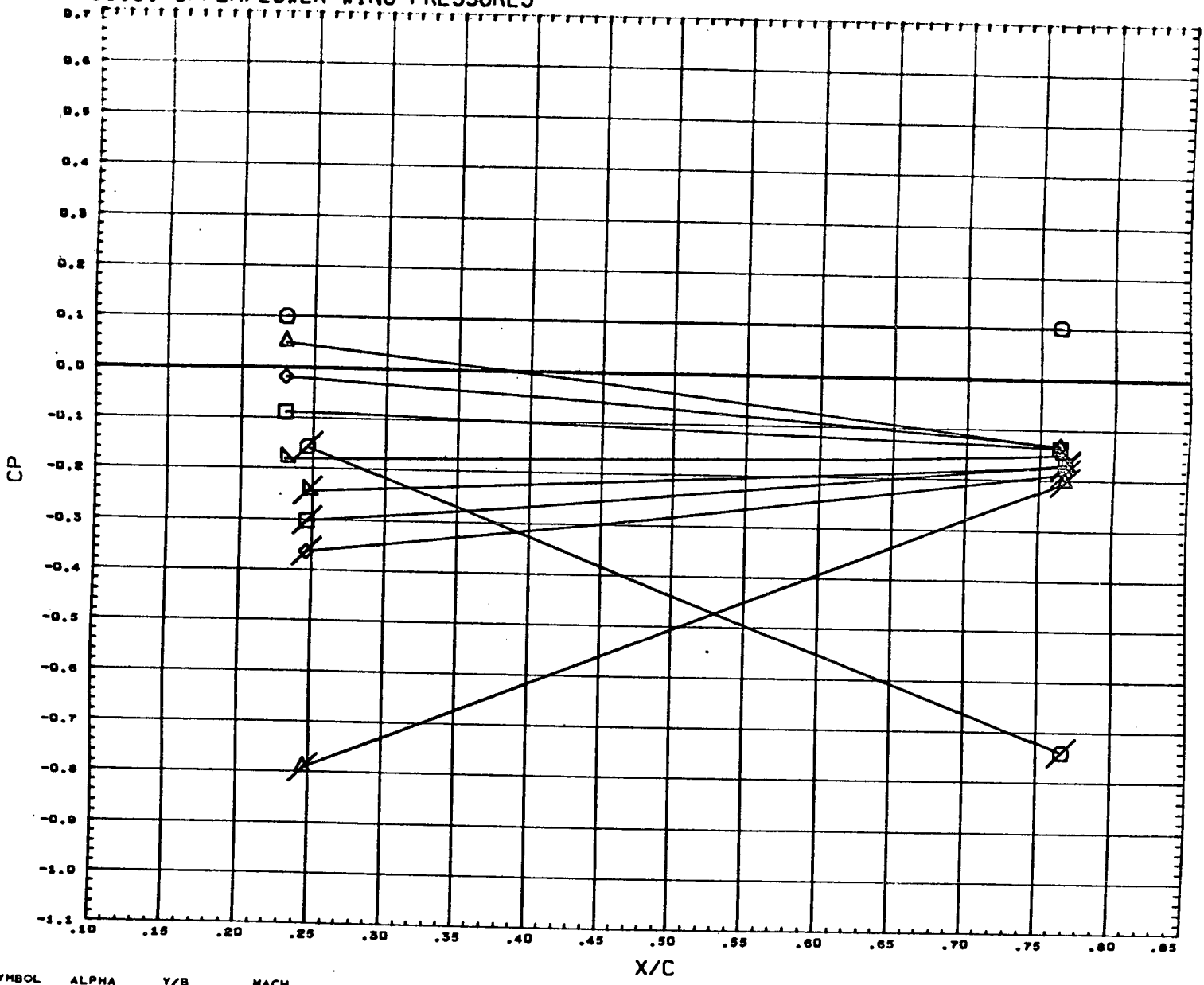
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	0.596
△	+ 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

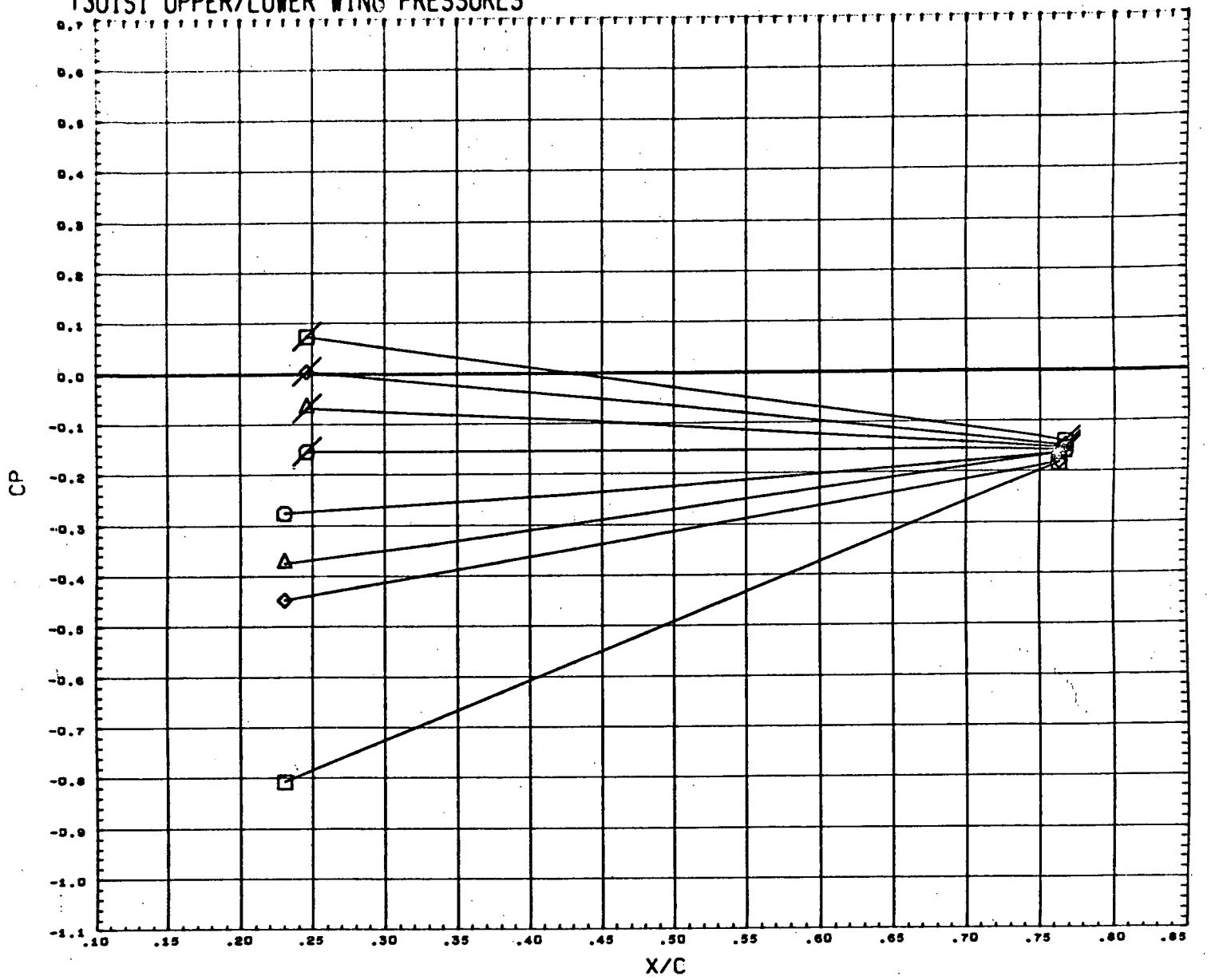
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.596
△	4.000		
◇	6.000		
□	8.000		

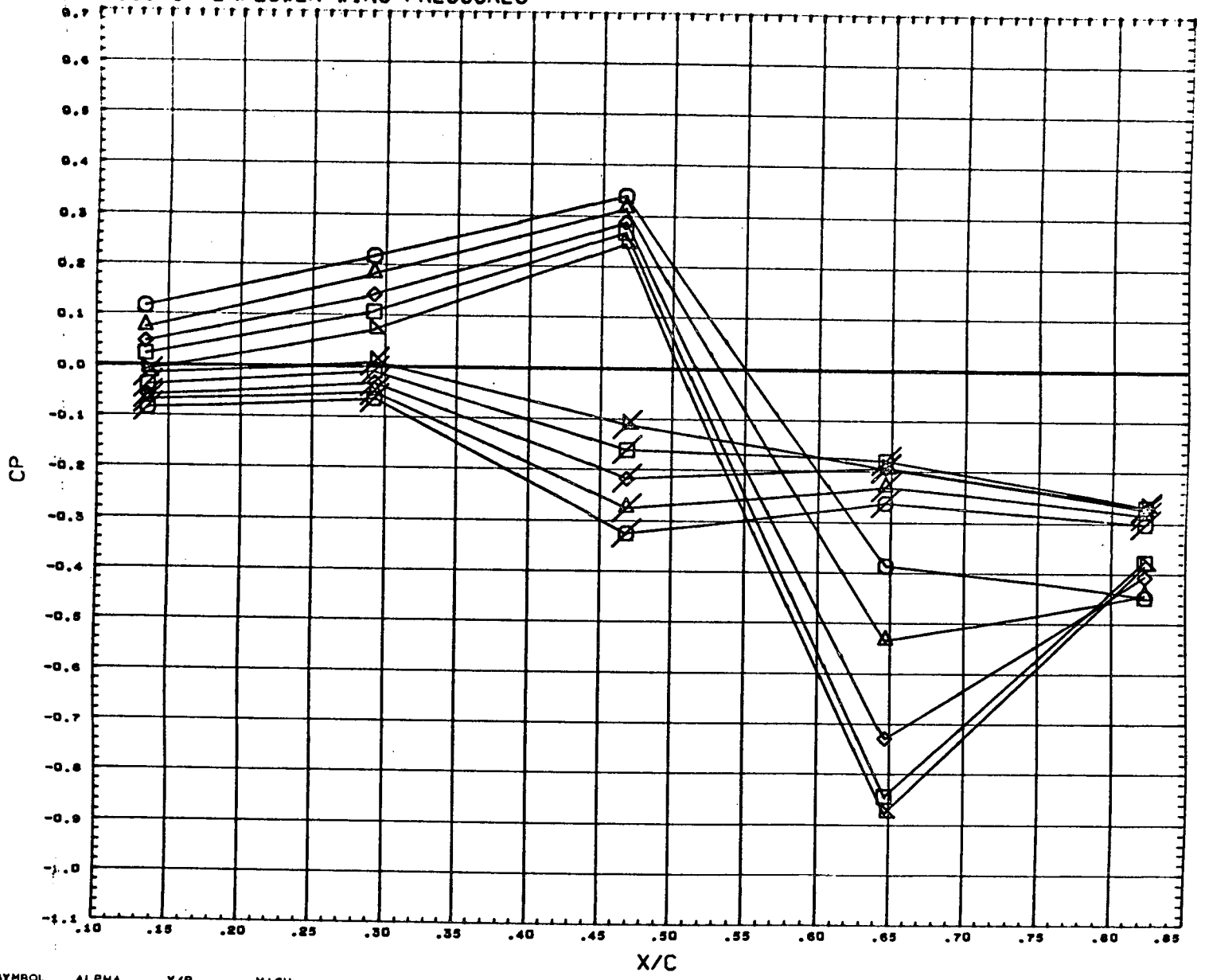
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.903
△	6.000		
◇	4.000		
□	2.000		
◹	0.000		

PARAMETRIC VALUES

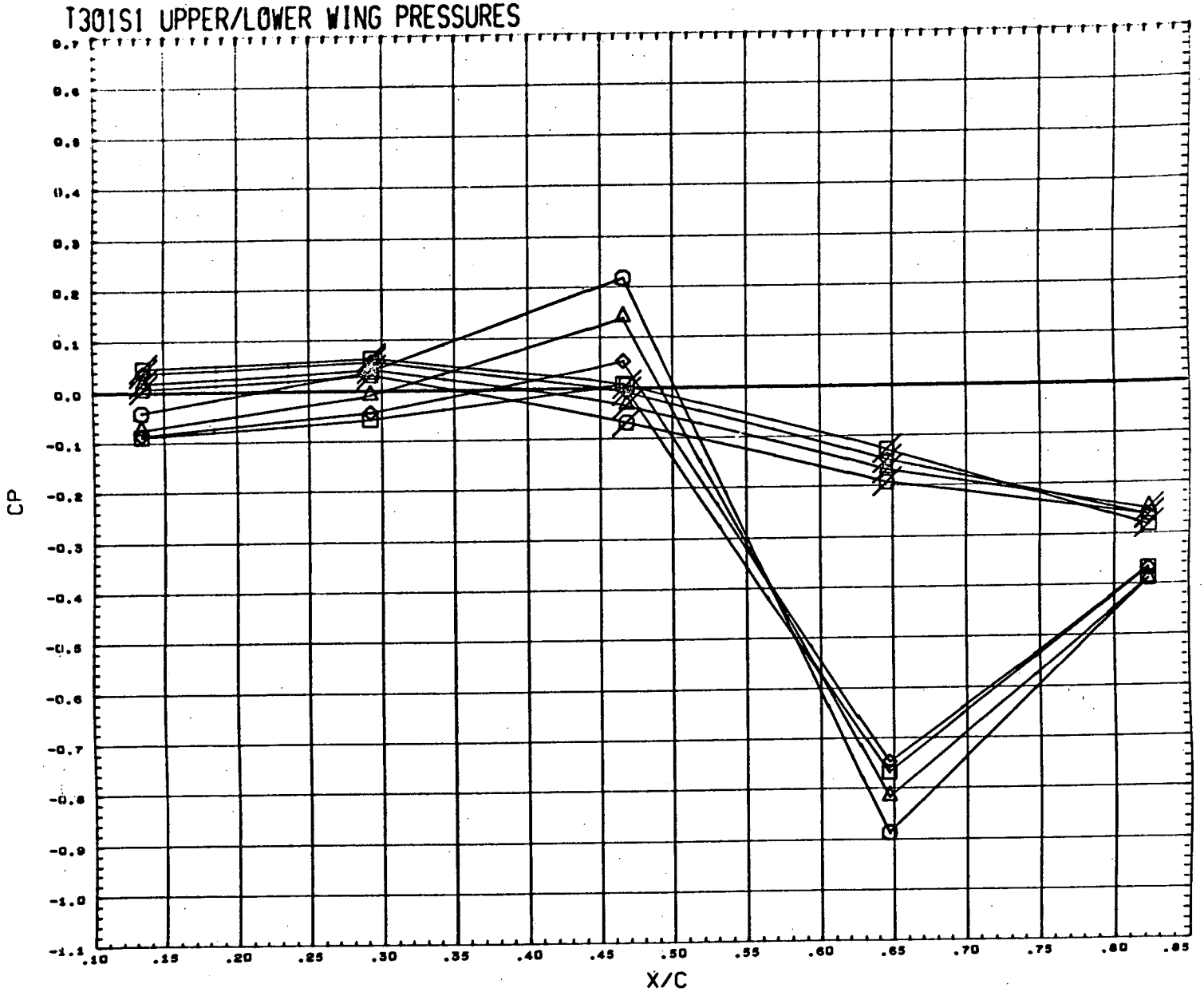
BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

B

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.903
△	4.000		
◇	6.000		
□	8.000		

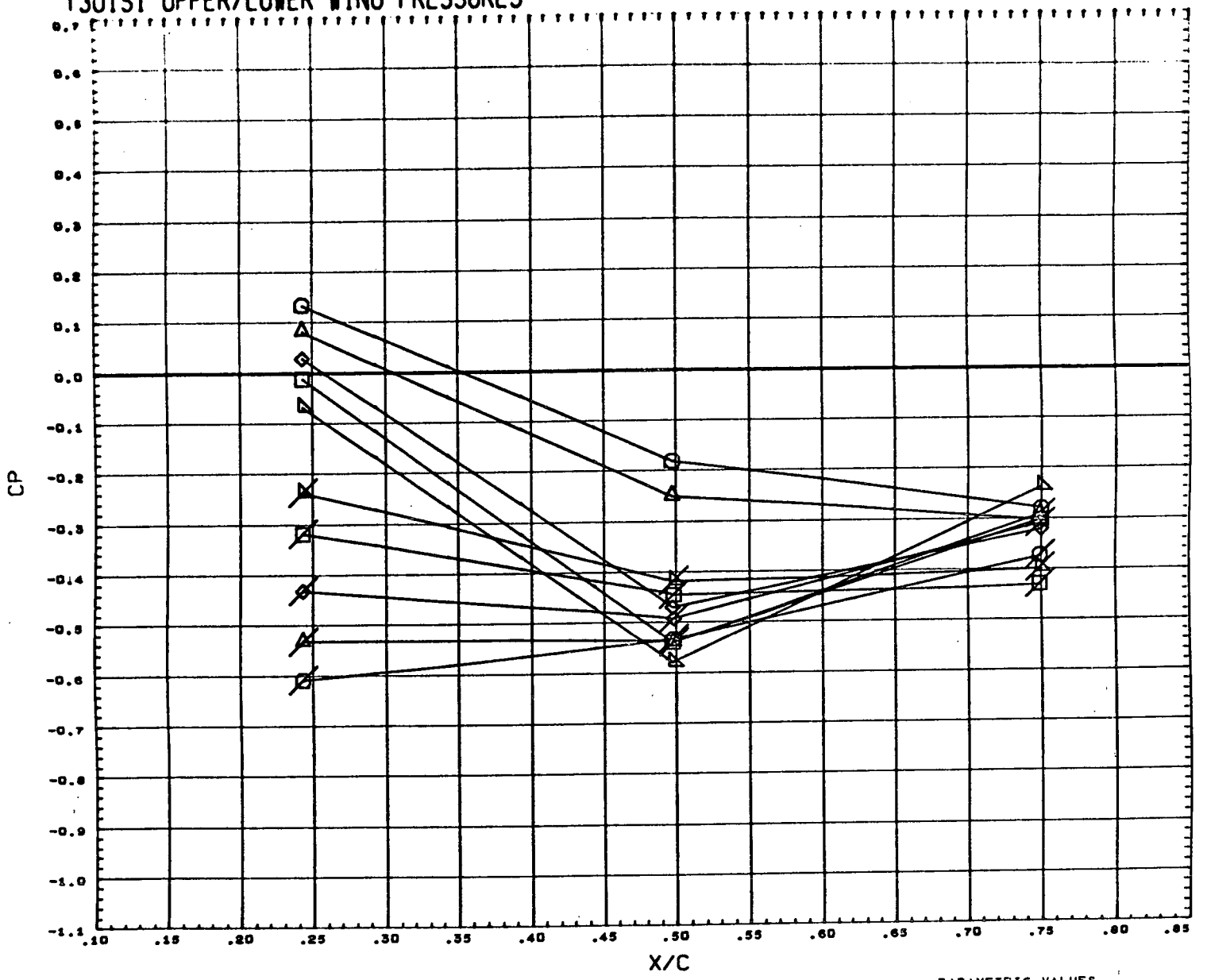
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.903
△	6.000		
◇	4.000		
□	2.000		
◹	0.000		

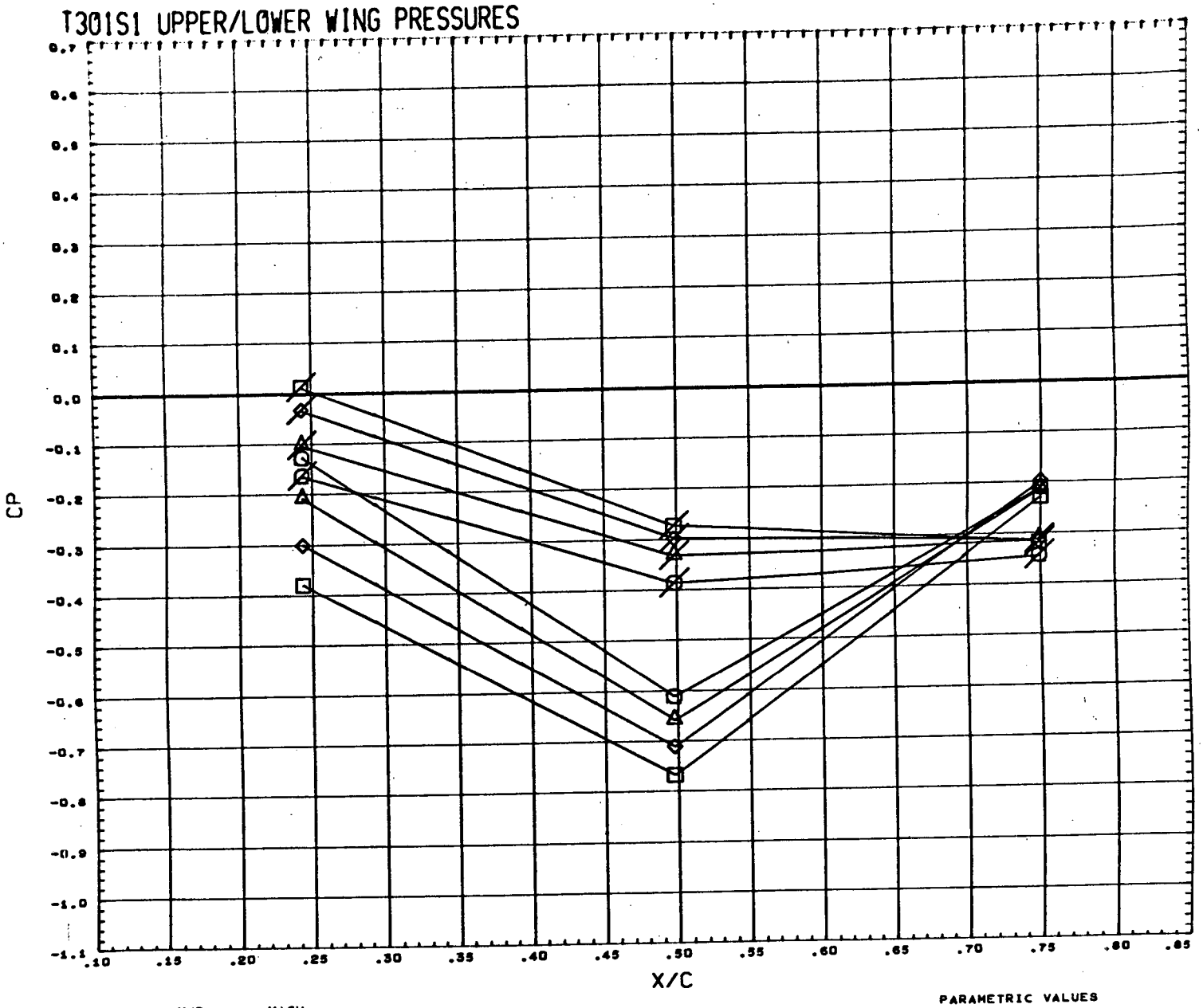
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.903
△	4.000		
◇	6.000		
□	8.000		

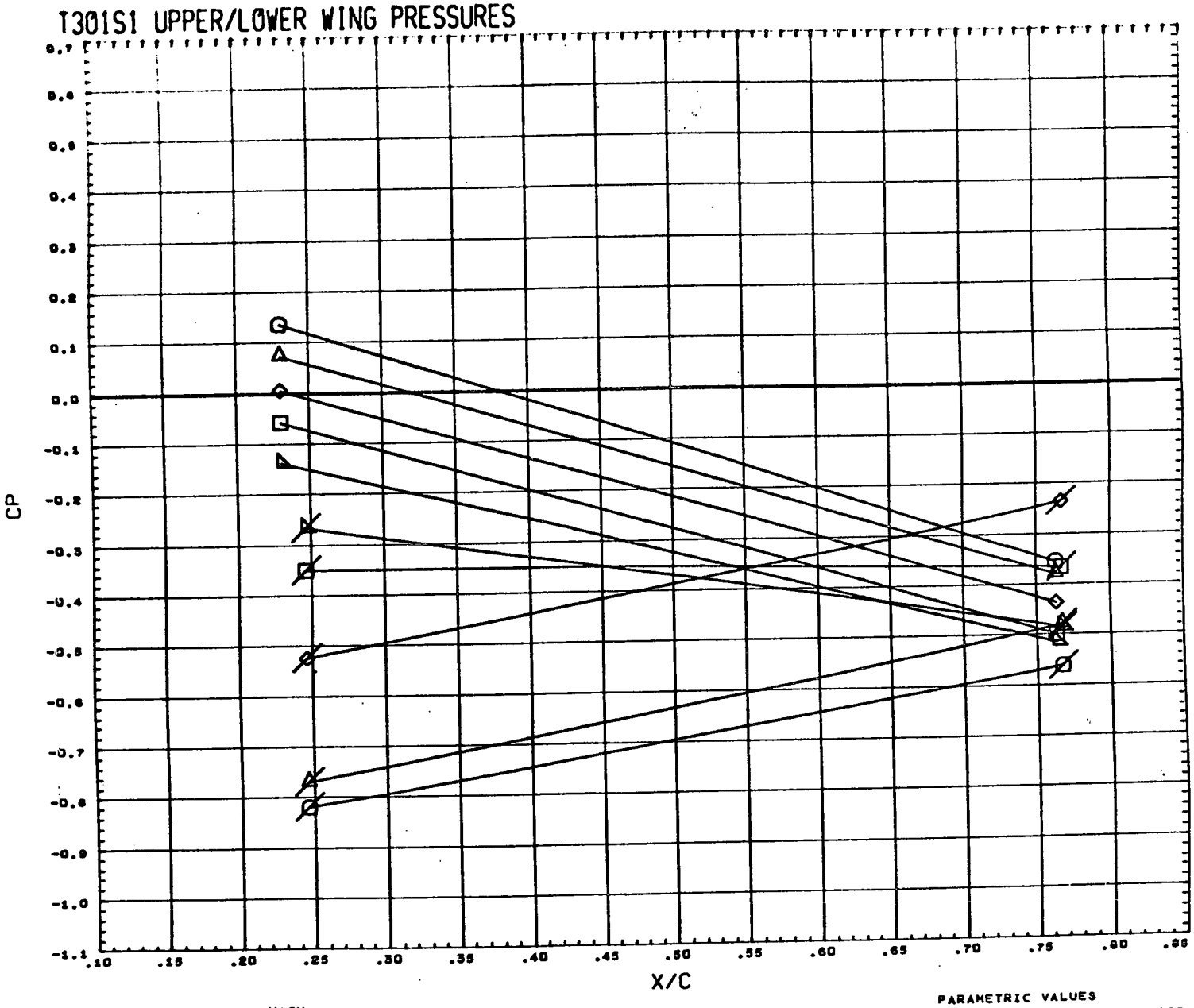
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	0.903
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◹	0.000		

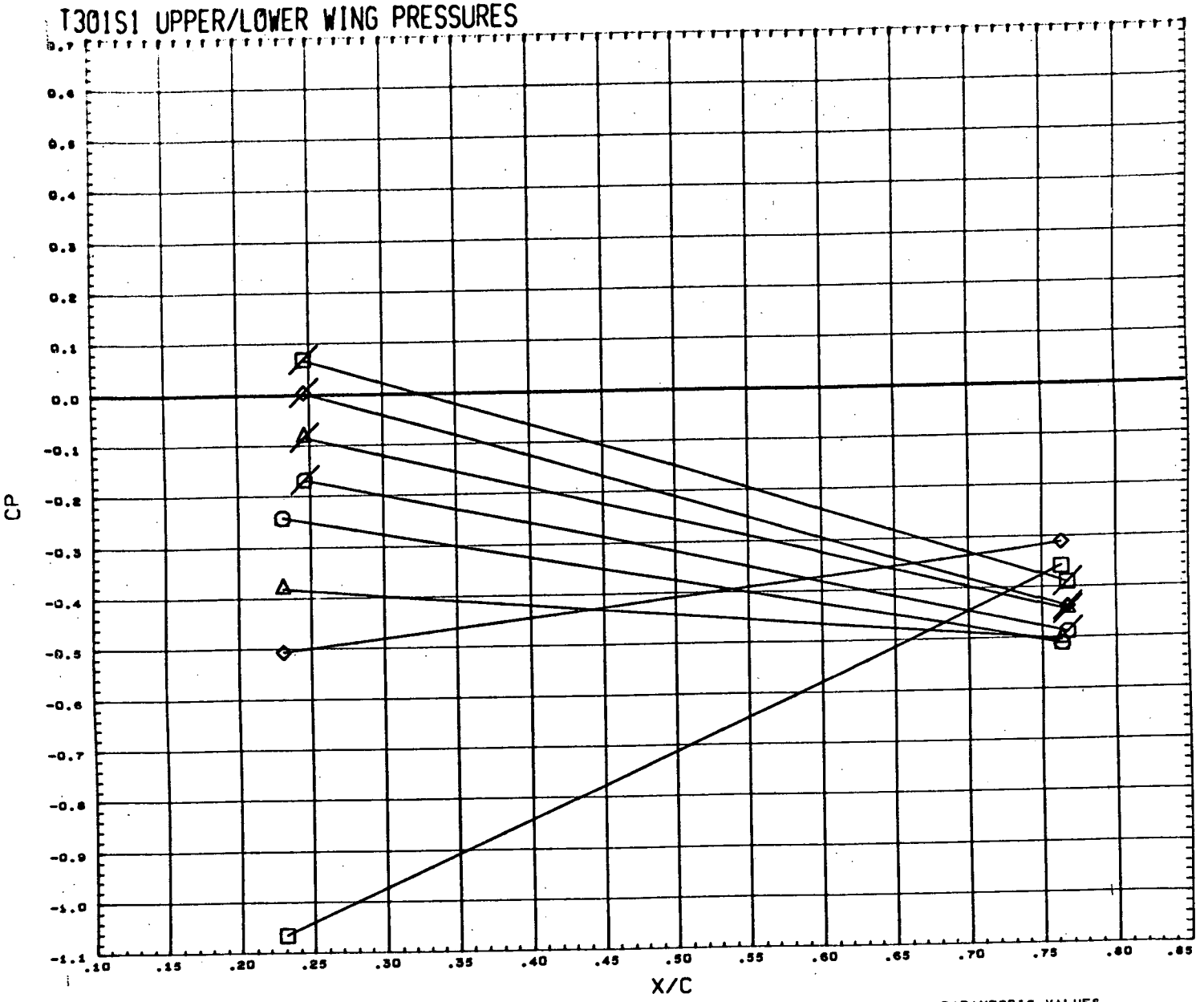
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.903
△	4.000		
◇	6.000		
□	8.000		

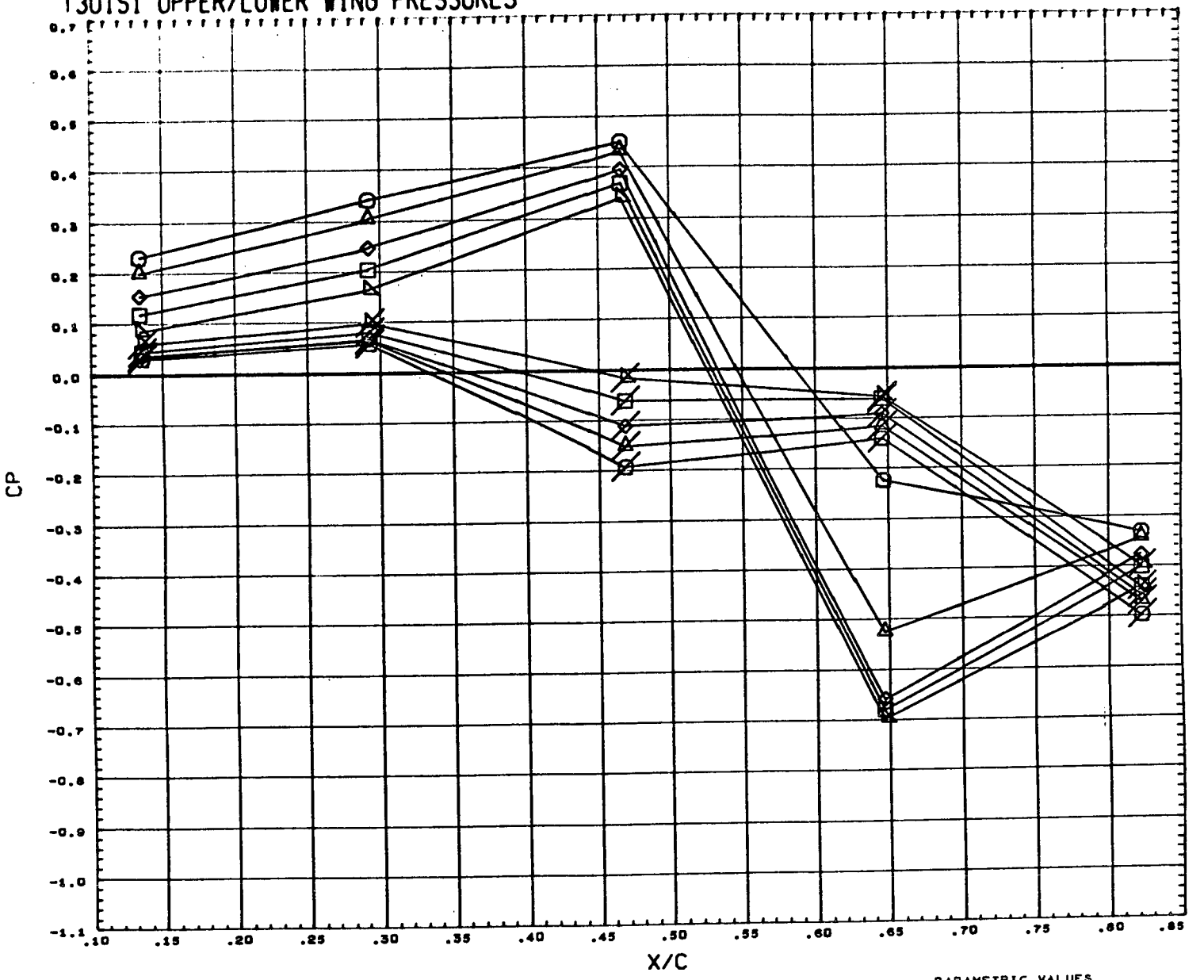
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.001
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

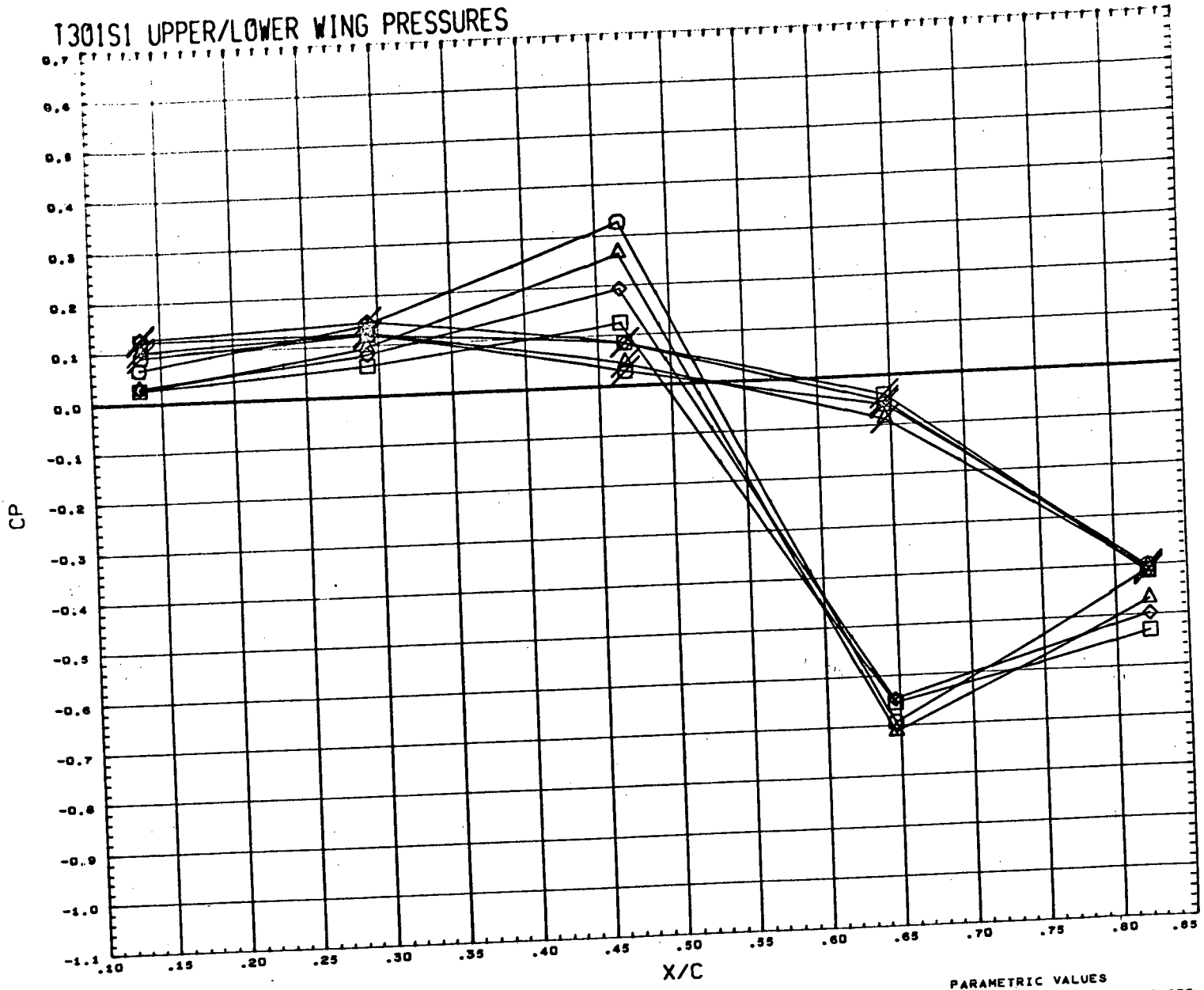
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



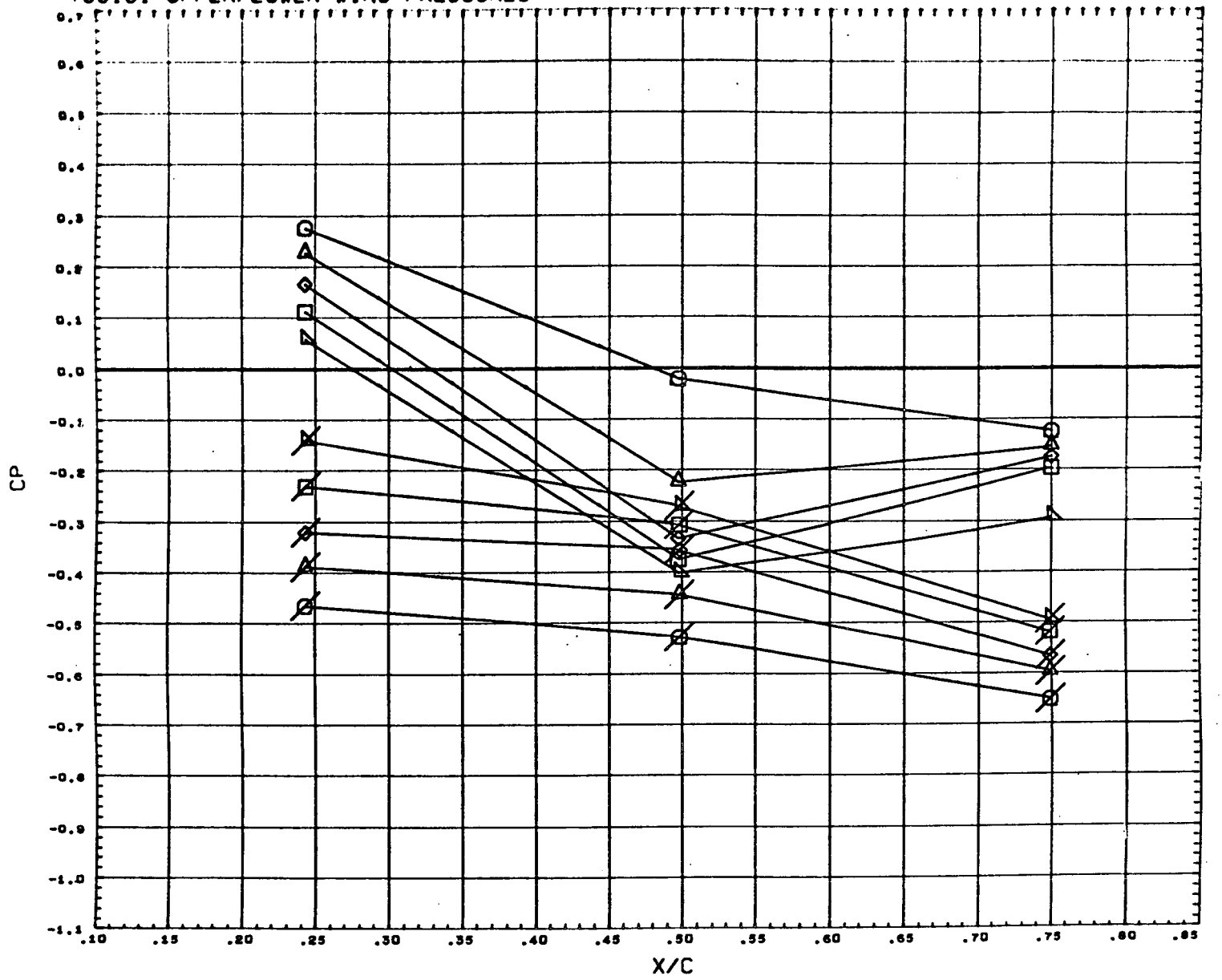
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500
PHIS 90.000

SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.001
△	4.000		
◇	6.000		
□	8.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.001
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

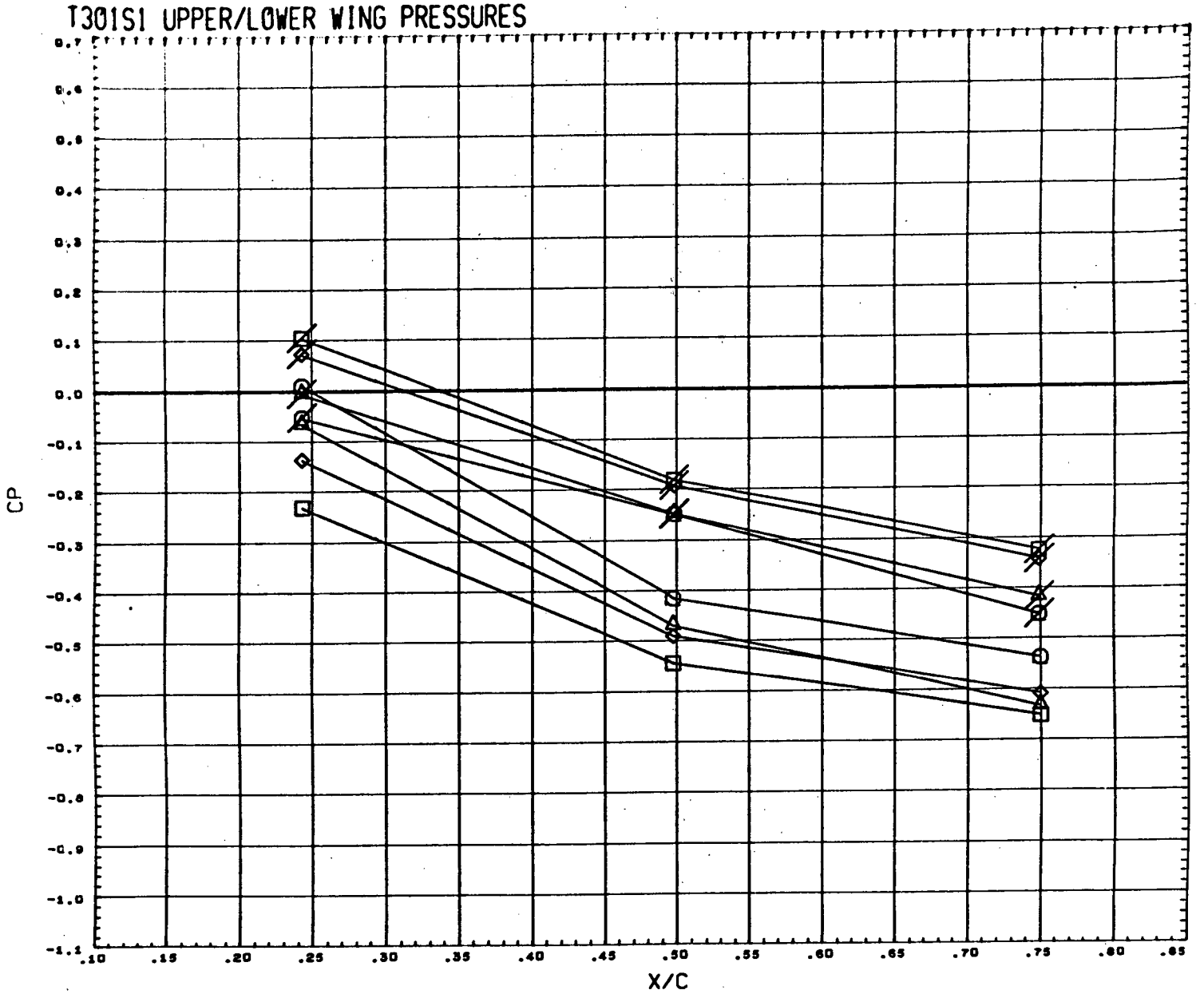
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.001
△	4.000		
◇	6.000		
□	8.000		

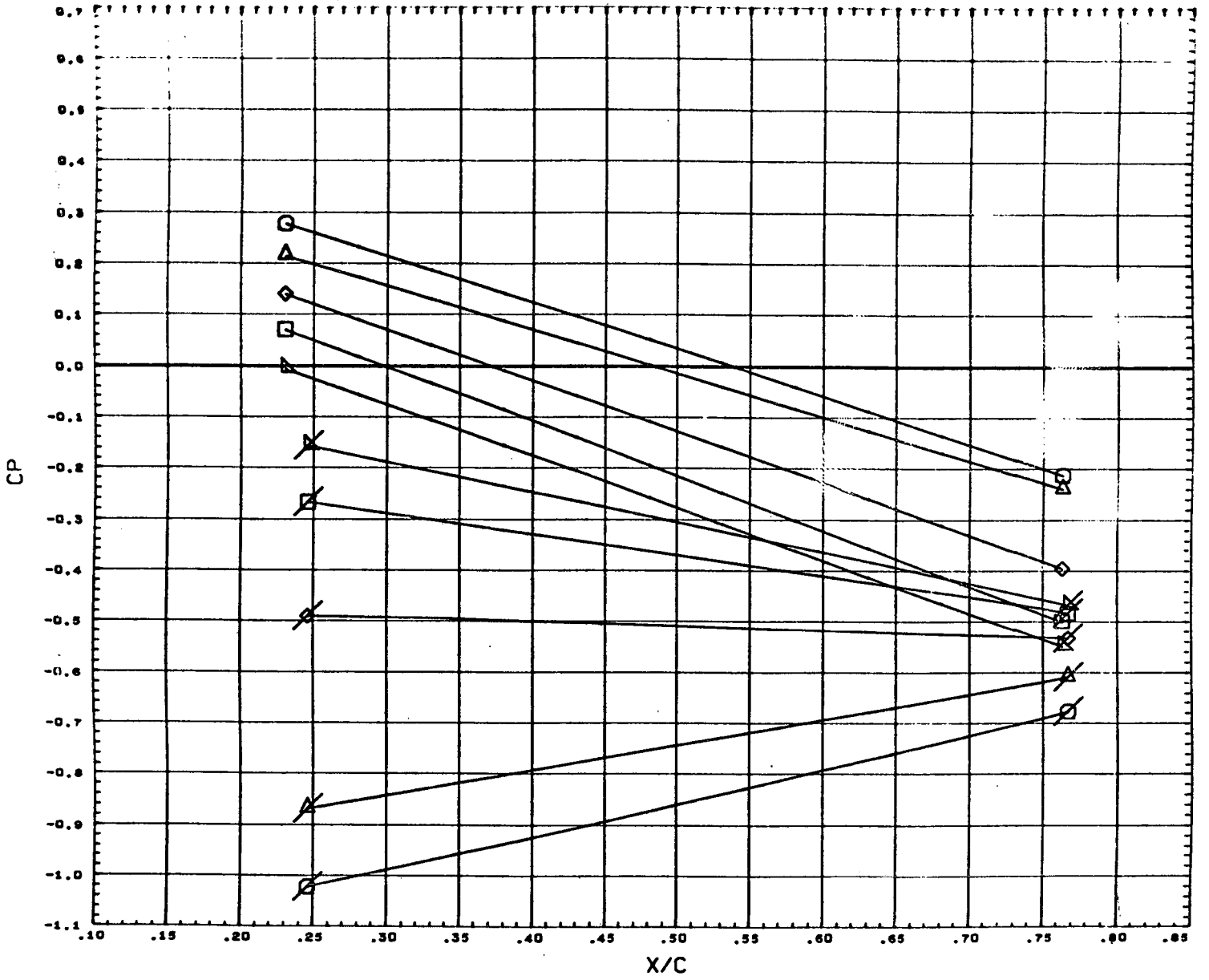
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.001
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◹	0.000		

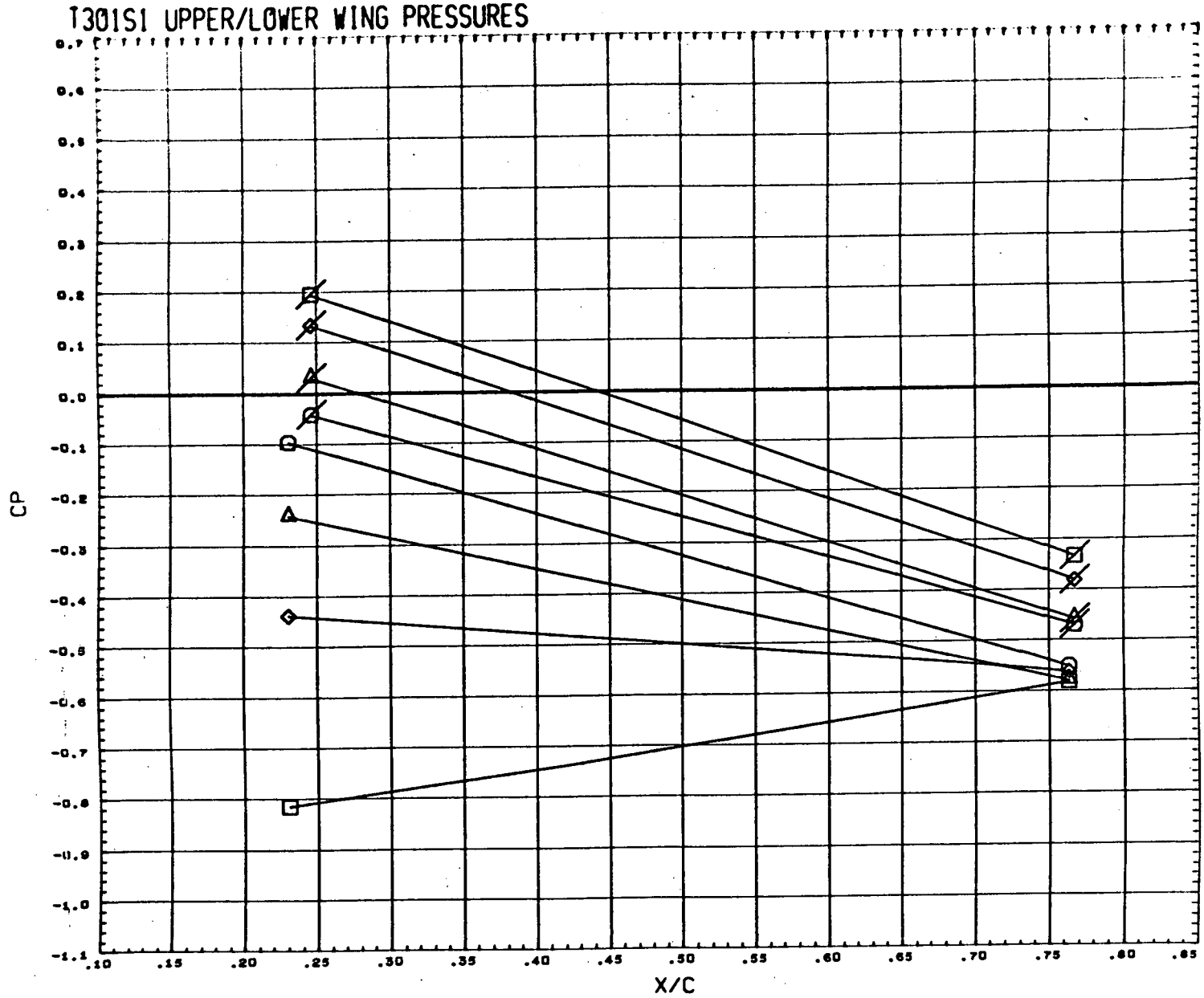
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	1.001
△	4.000		
◇	6.000		
□	8.000		

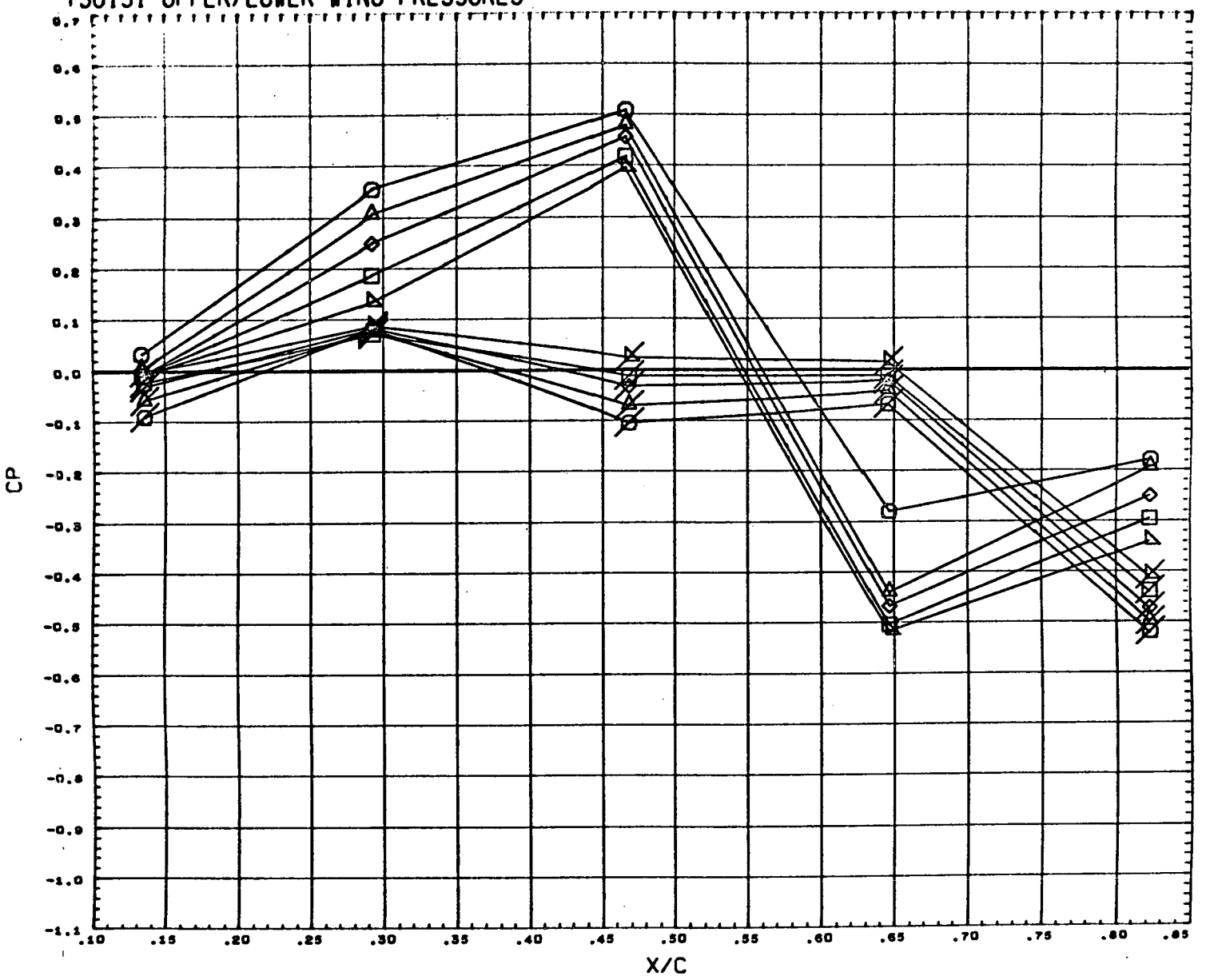
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

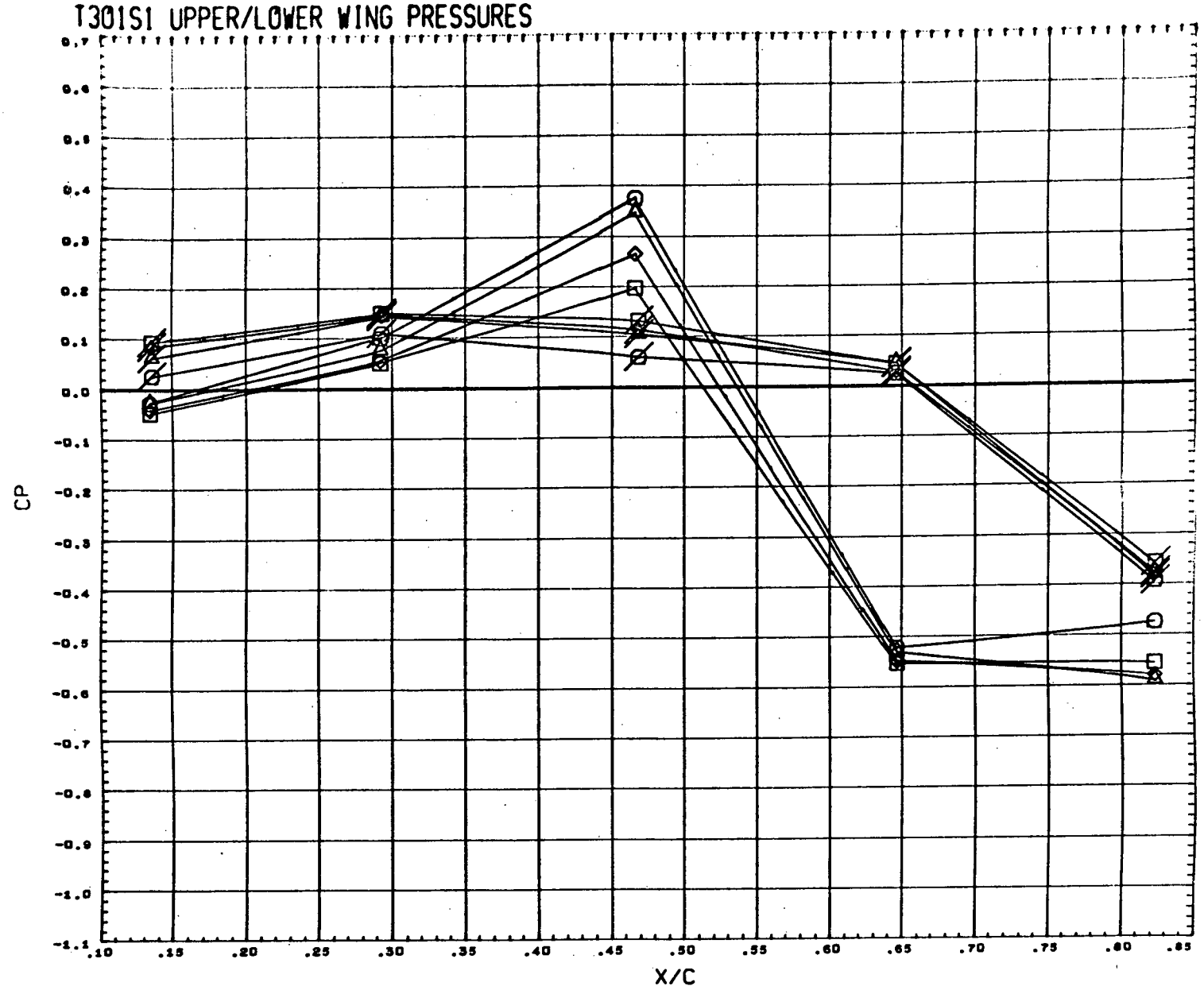
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.102
△	4.000		
◇	6.000		
□	8.000		

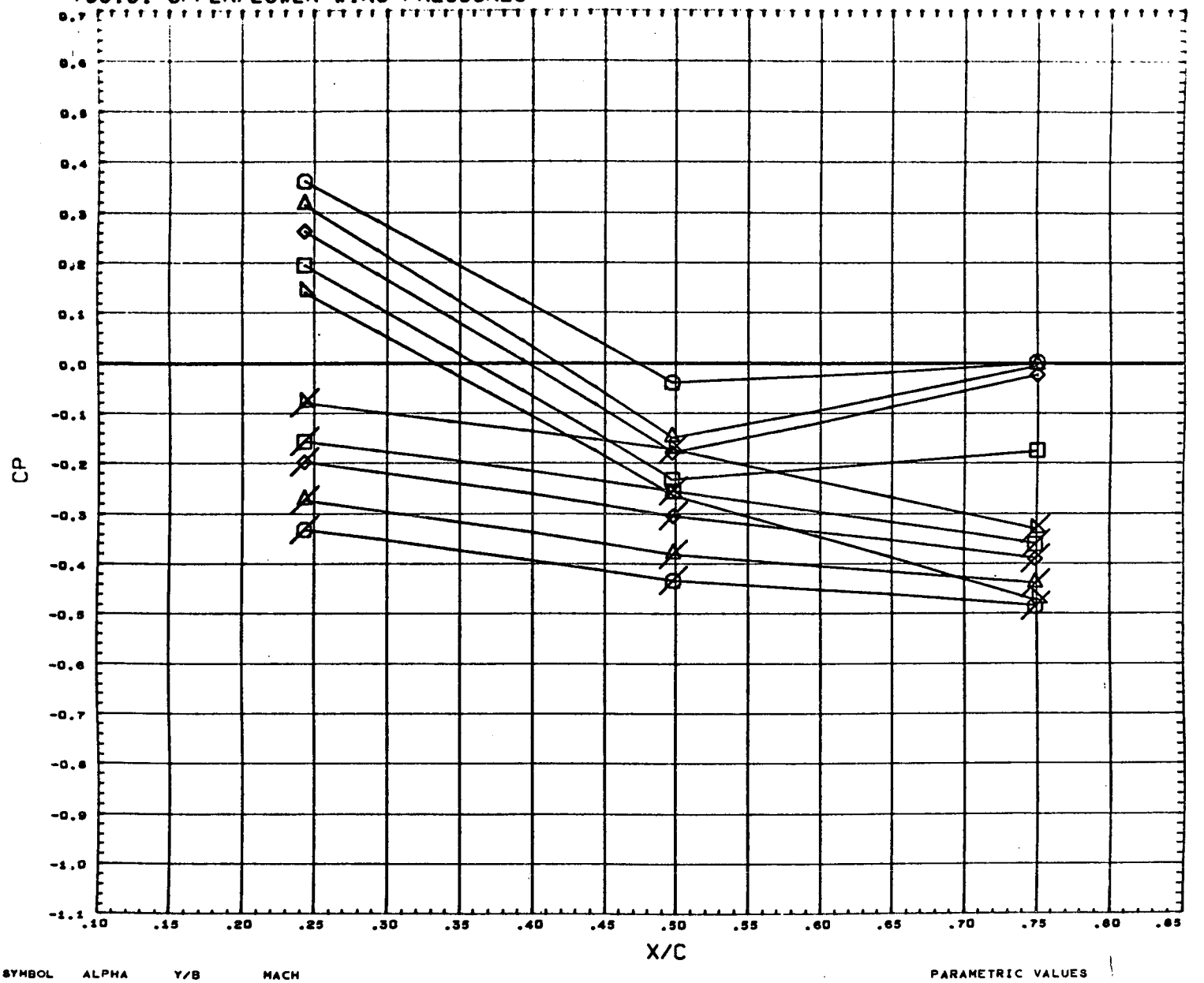
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	1.102
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

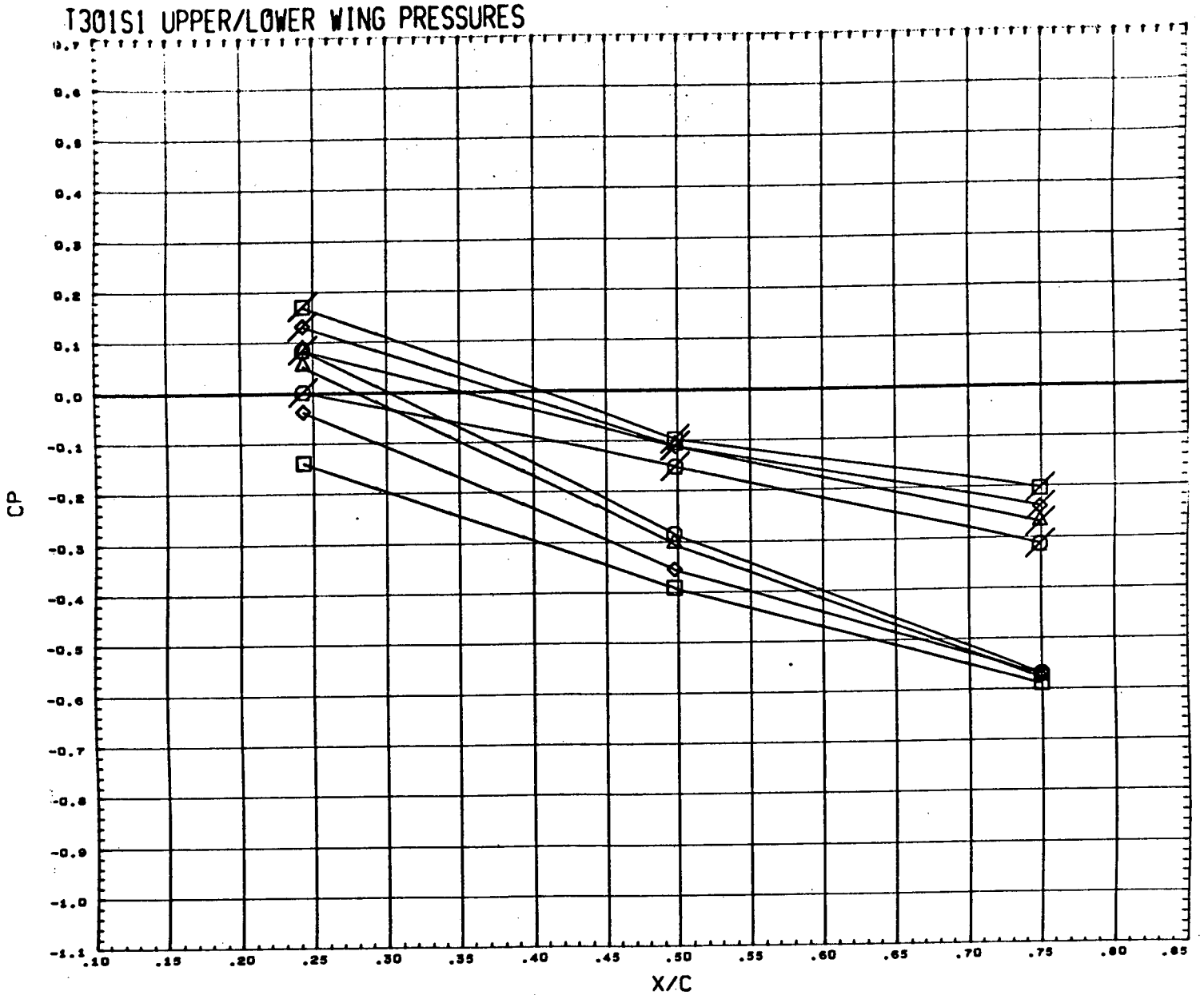
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.102
△	4.000		
◇	6.000		
□	8.000		

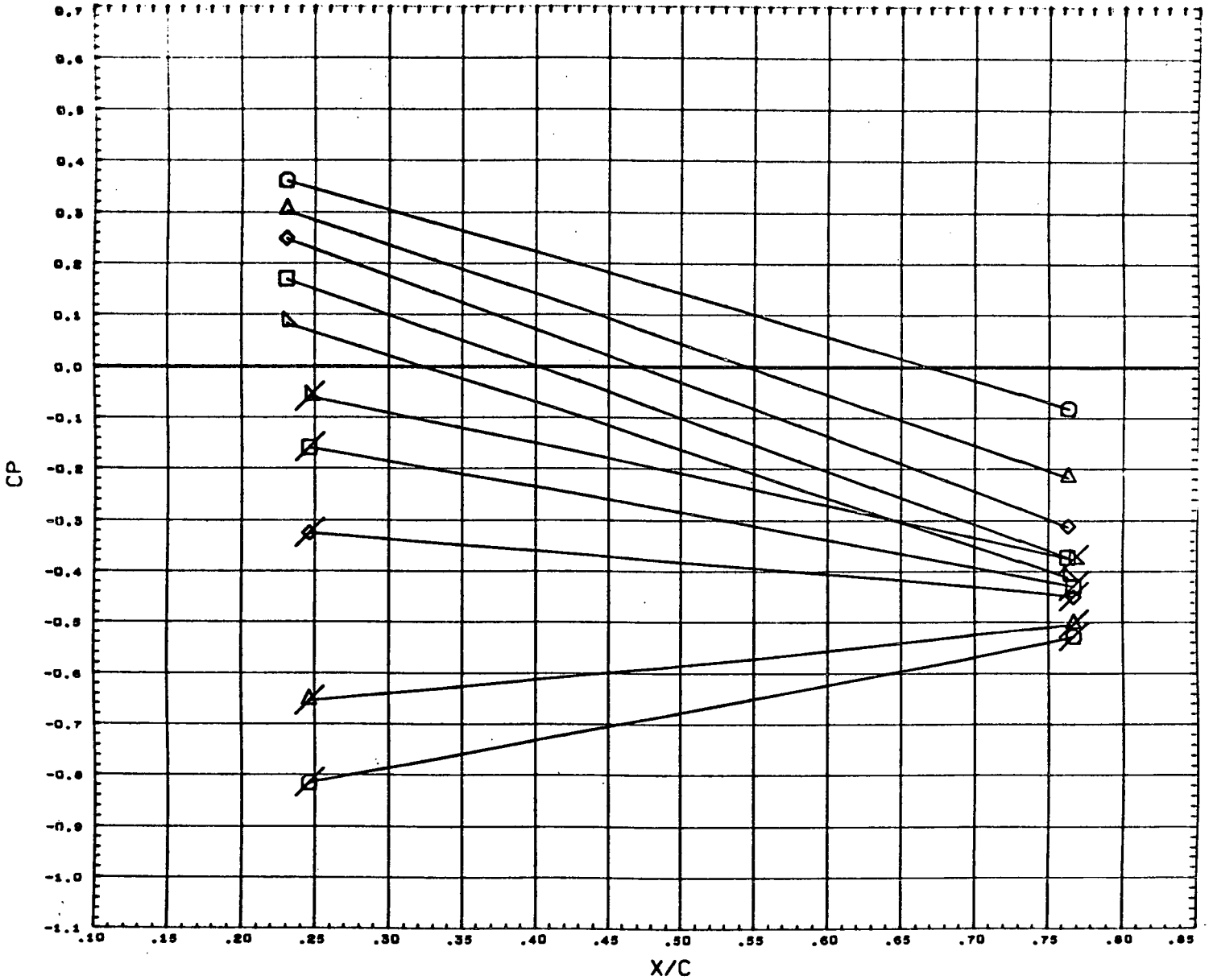
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.102
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

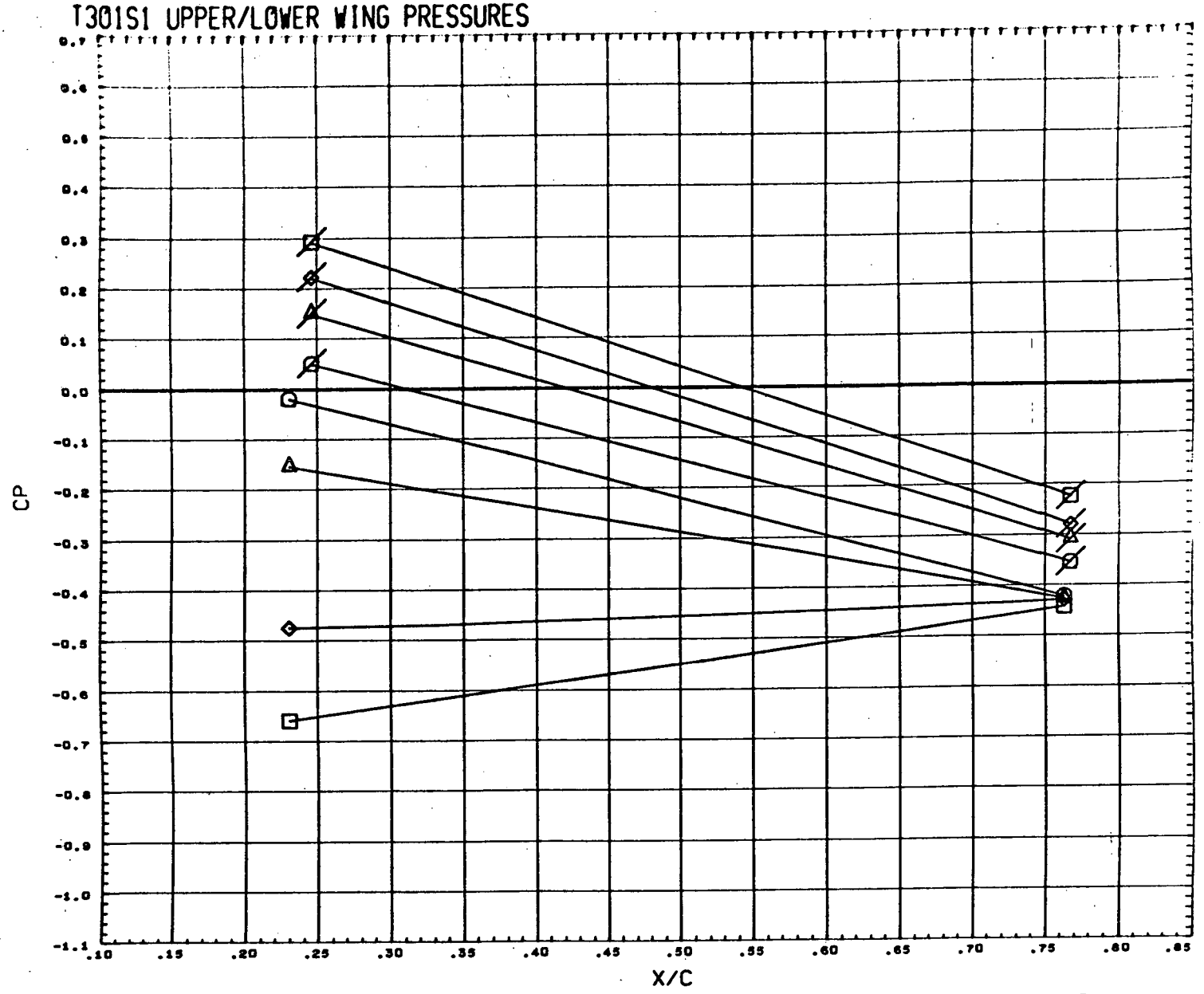
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.102
△	4.000		
◇	6.000		
□	8.000		

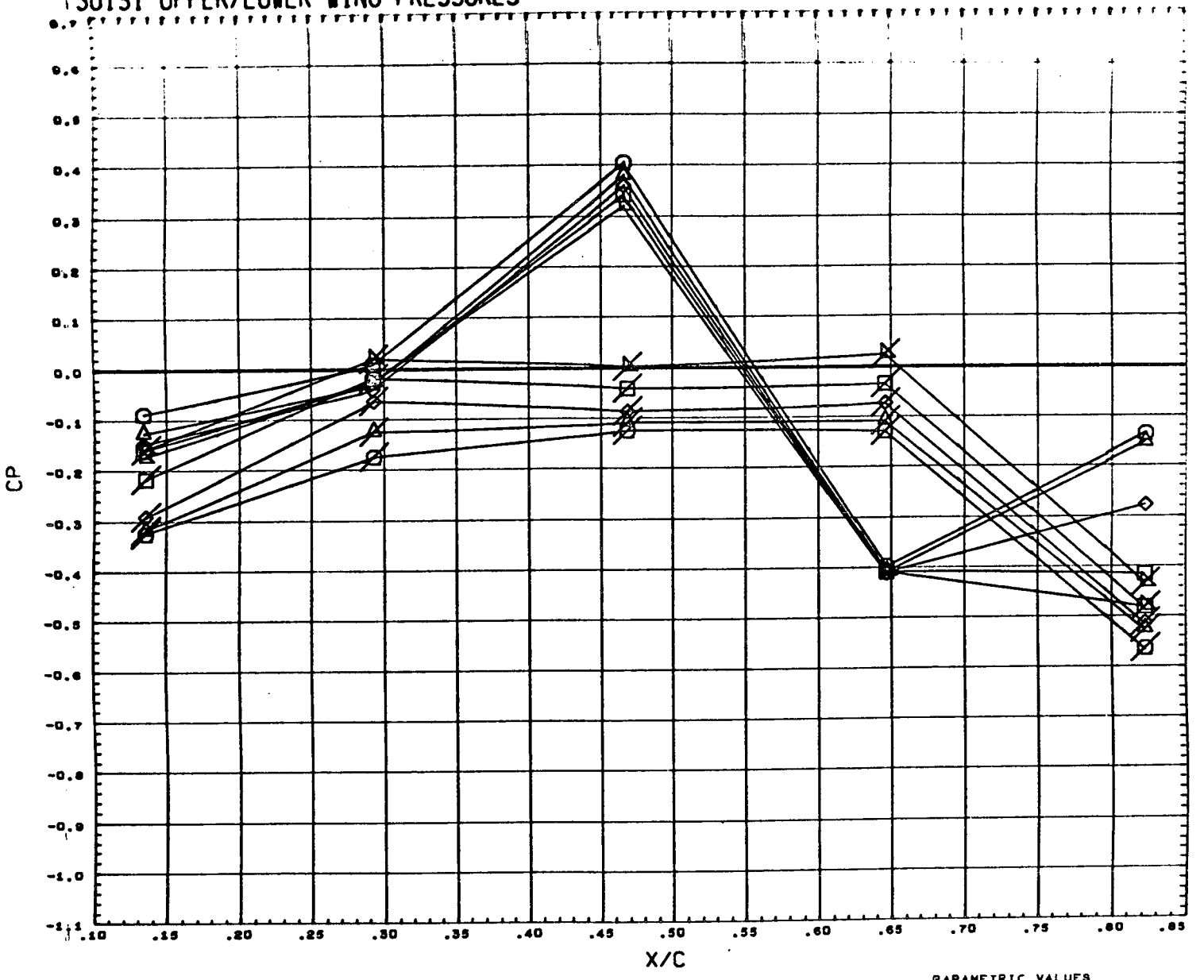
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

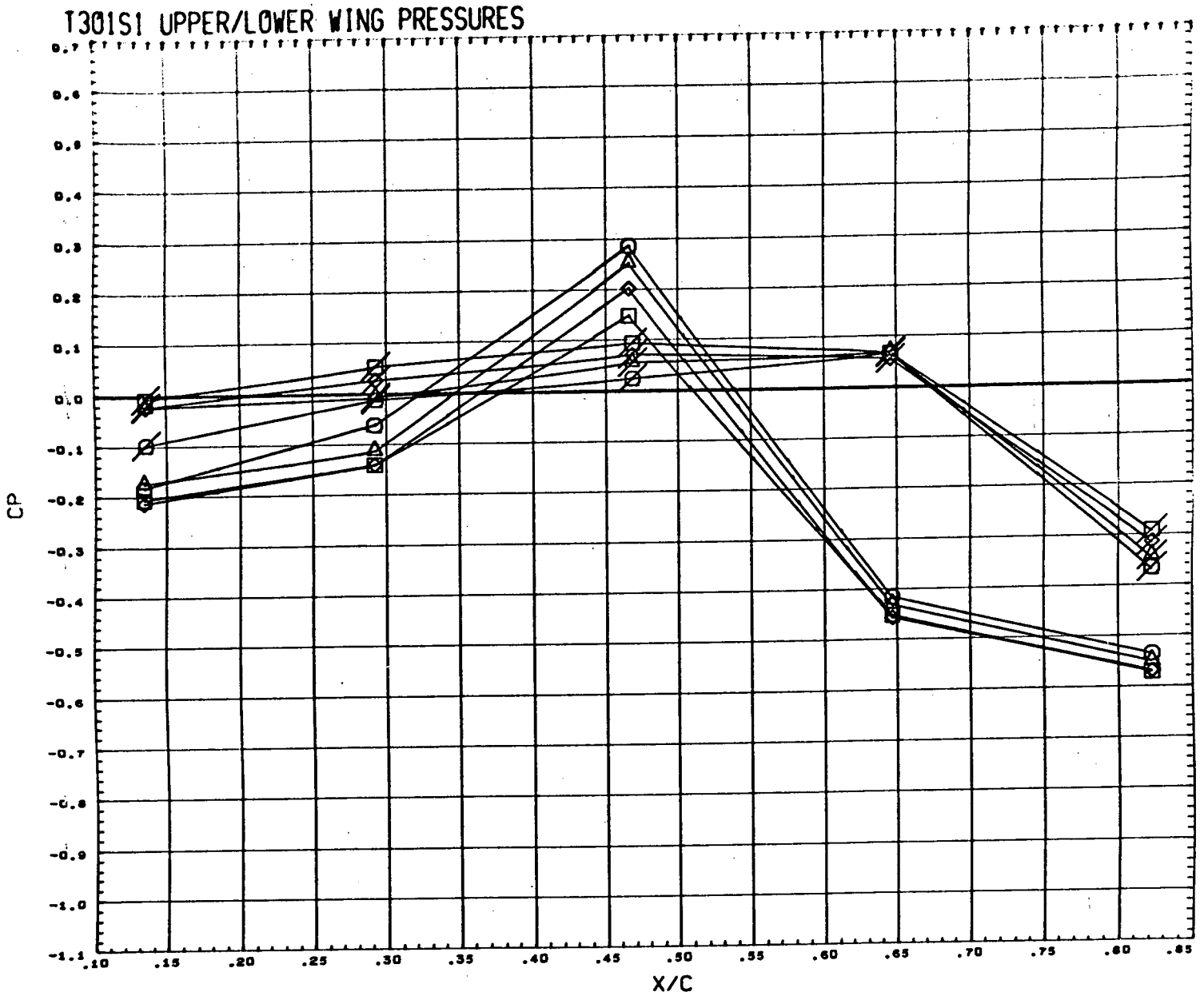
PARAMETRIC VALUES

BETA 0.000 ORBINC -- 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.203
△	4.000		
◇	6.000		
□	8.000		

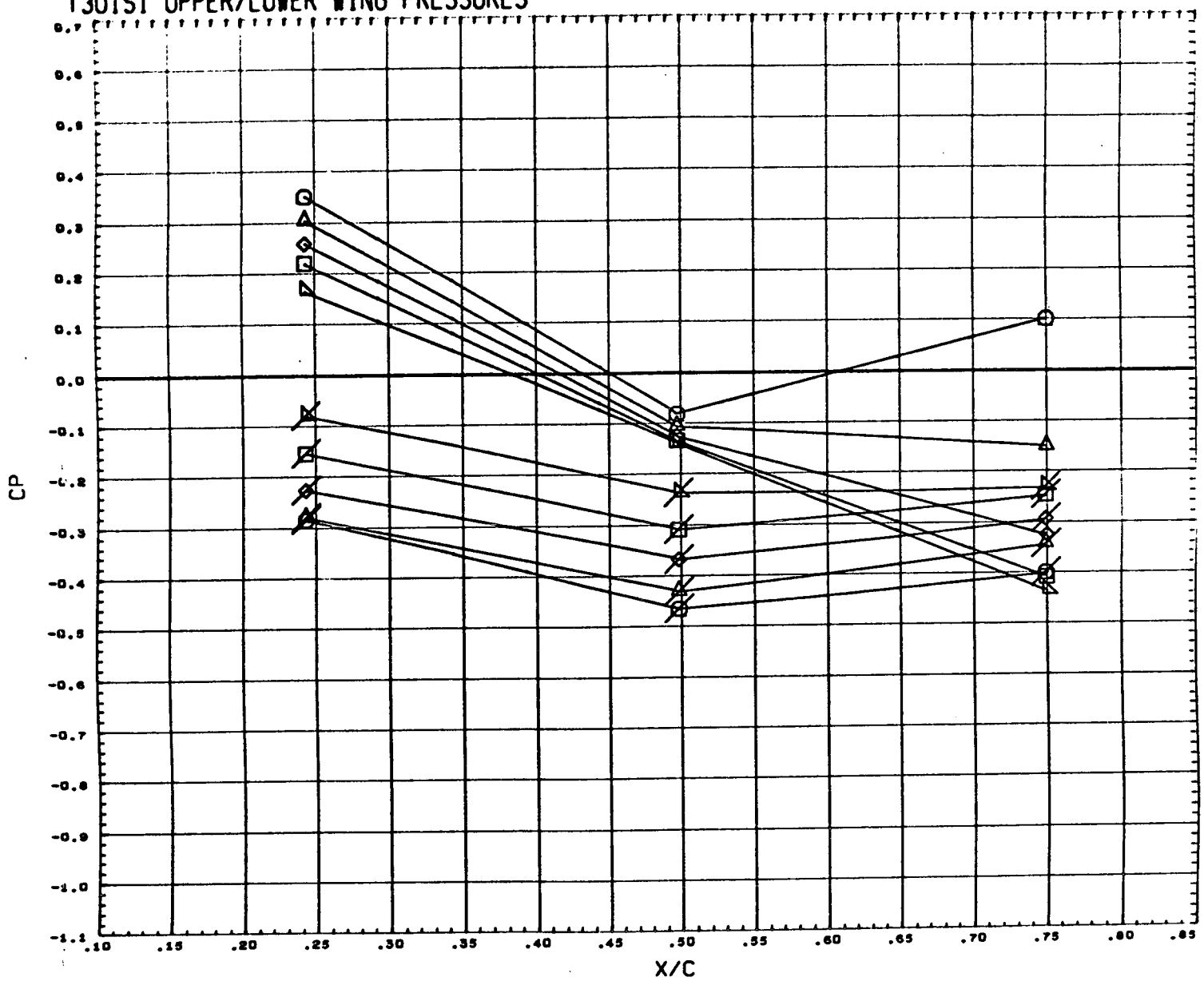
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.203
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

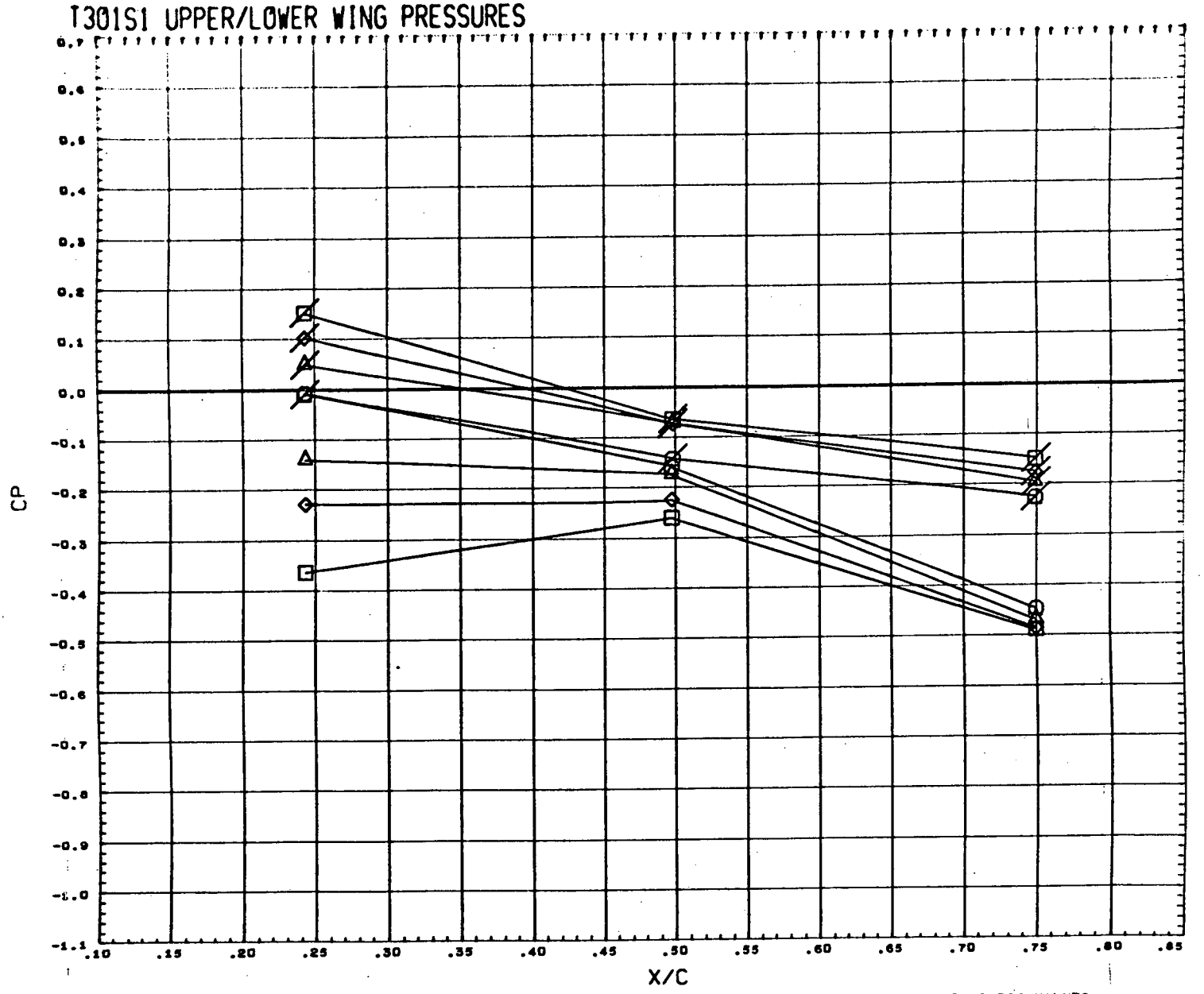
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.203
△	4.000		
◇	6.000		
□	8.000		

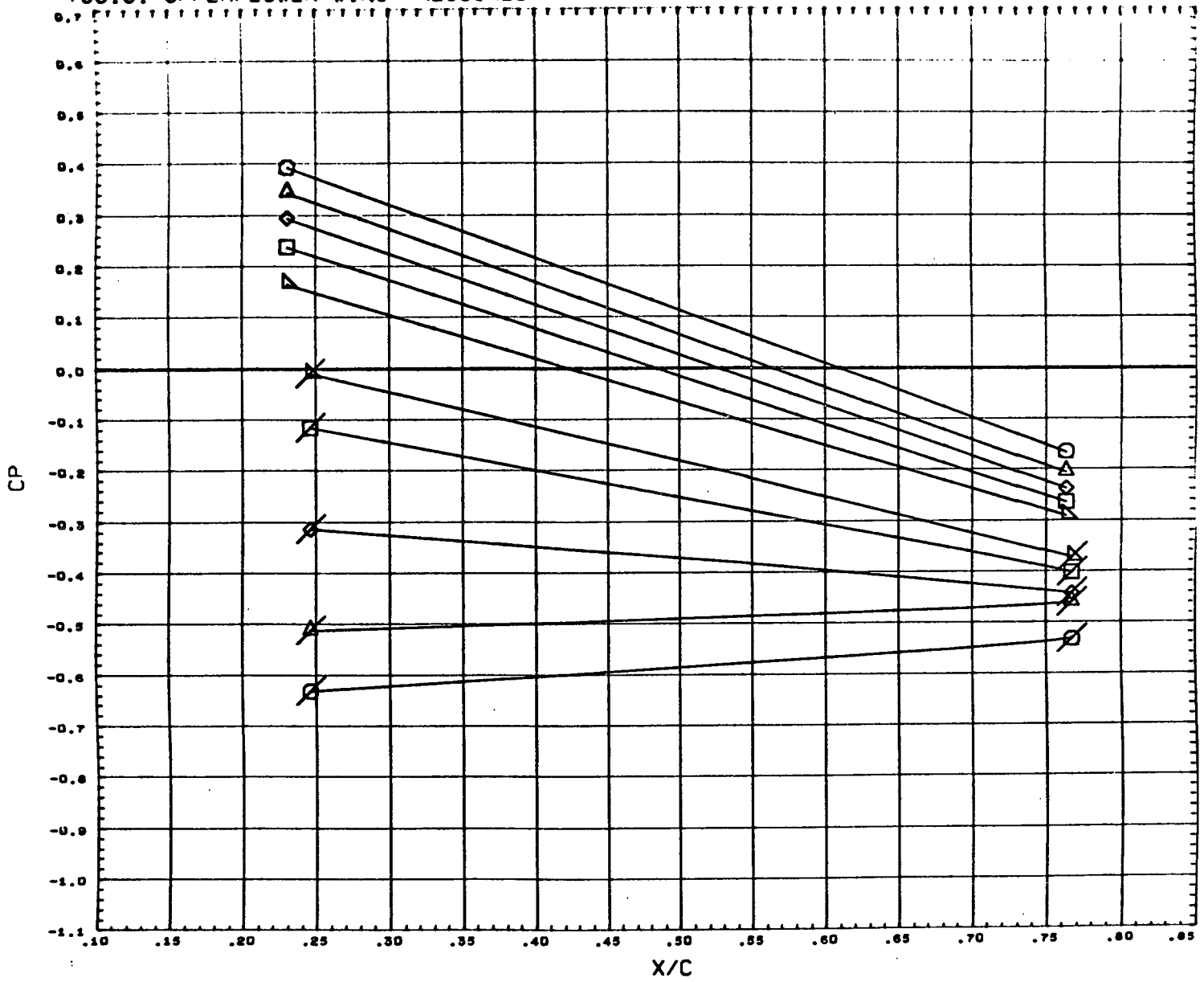
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.203
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

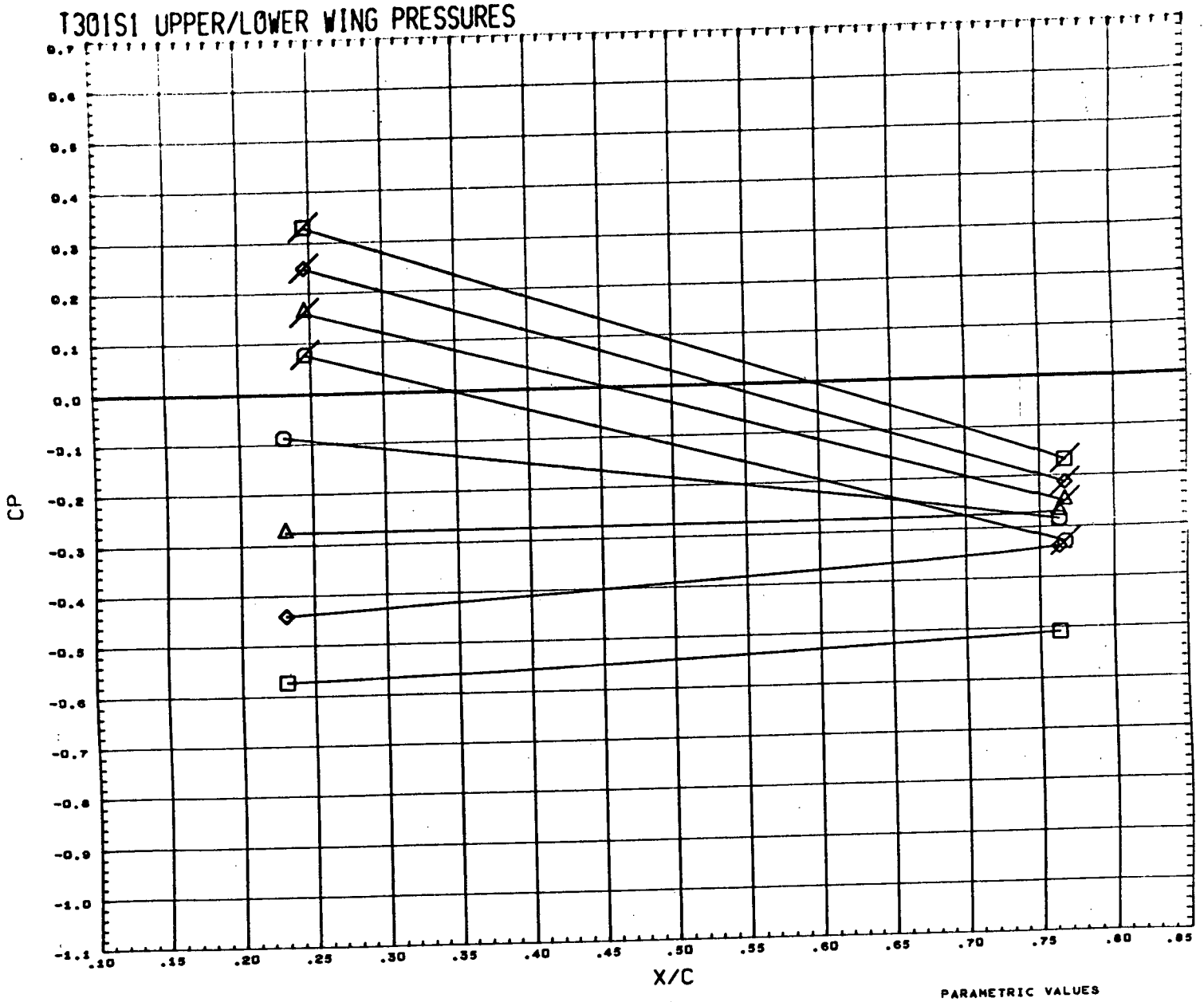
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



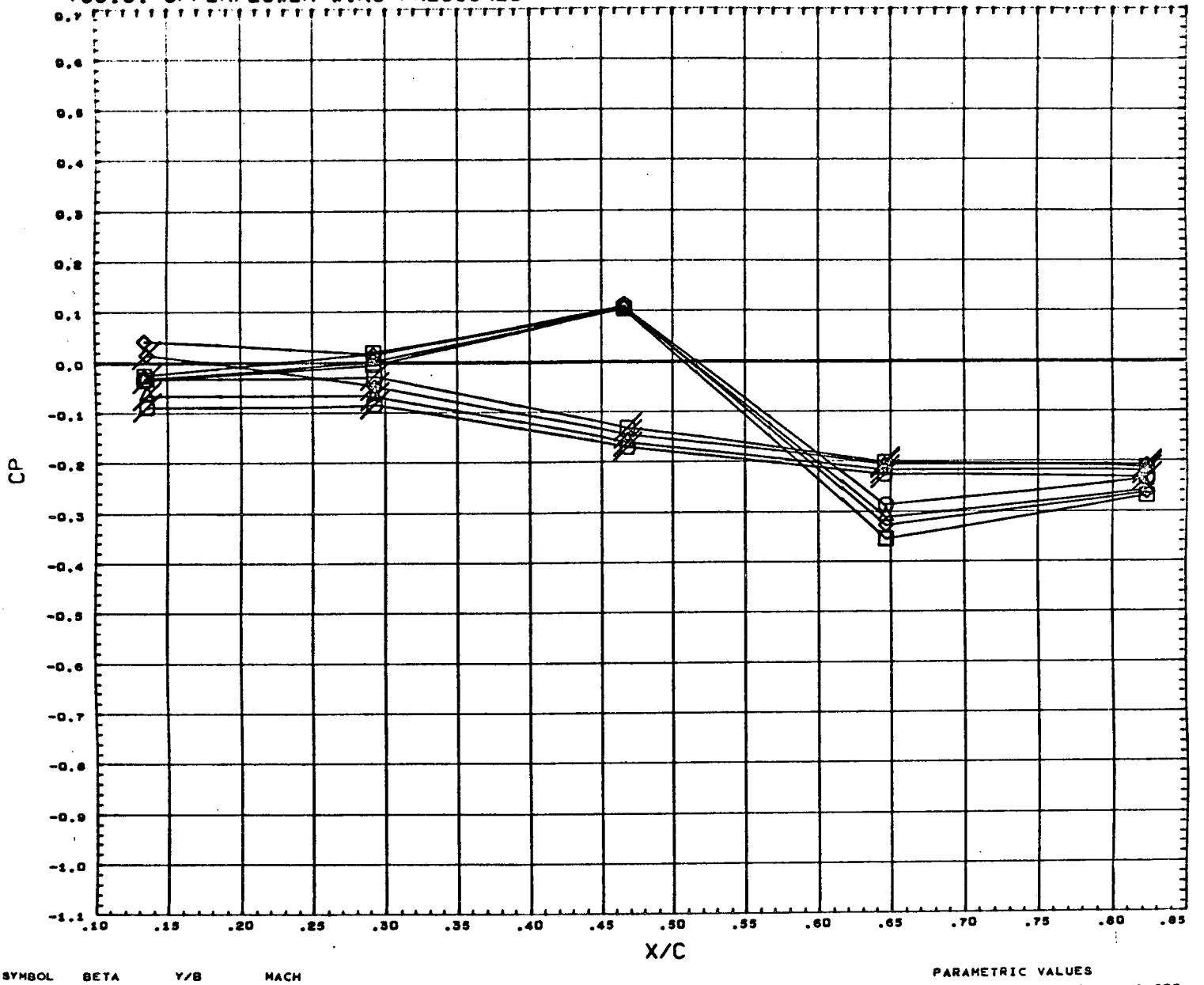
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.203
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73023)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73023)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.594
△	- 4.000		
◇	- 2.000		
□	0.000		

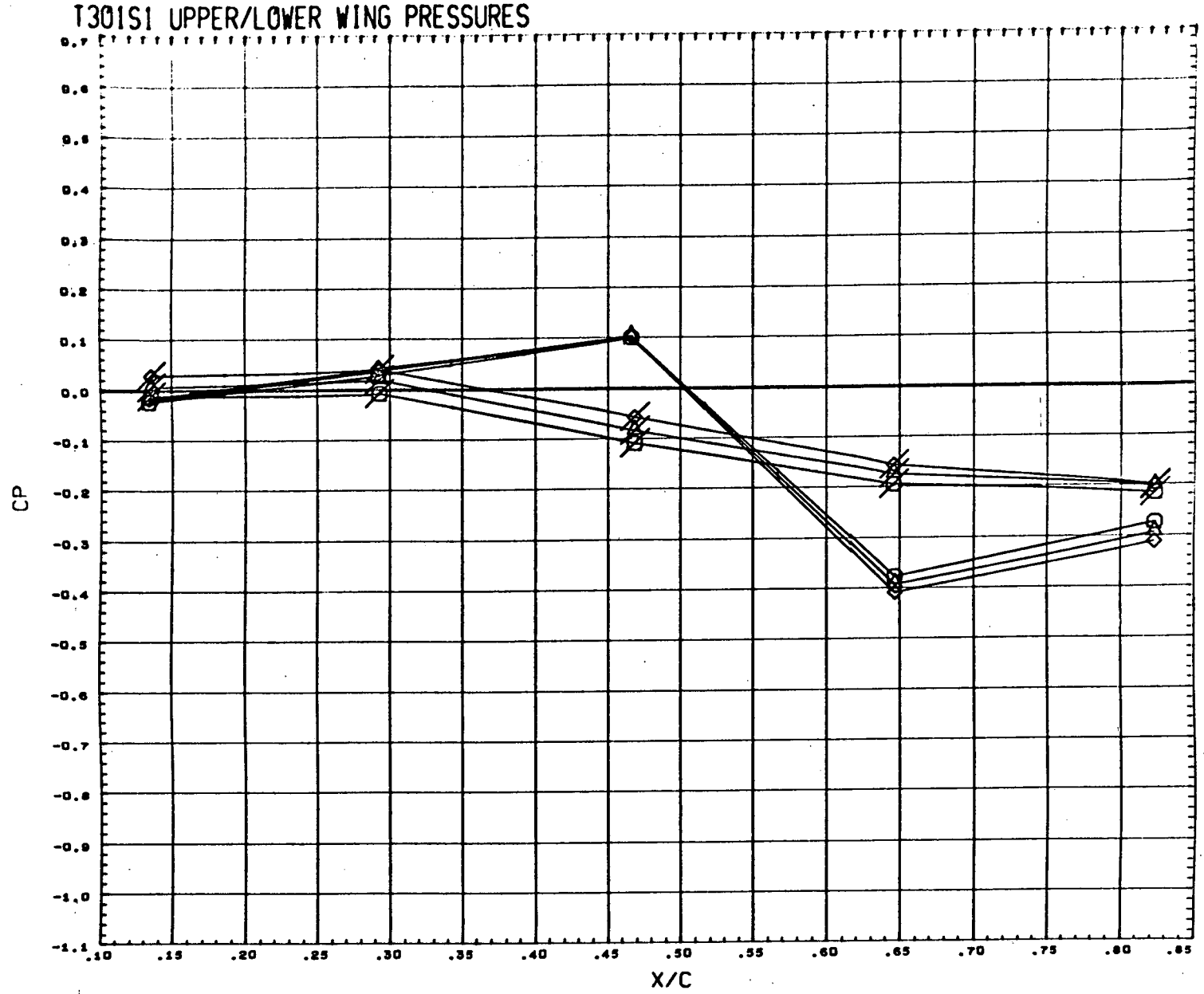
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



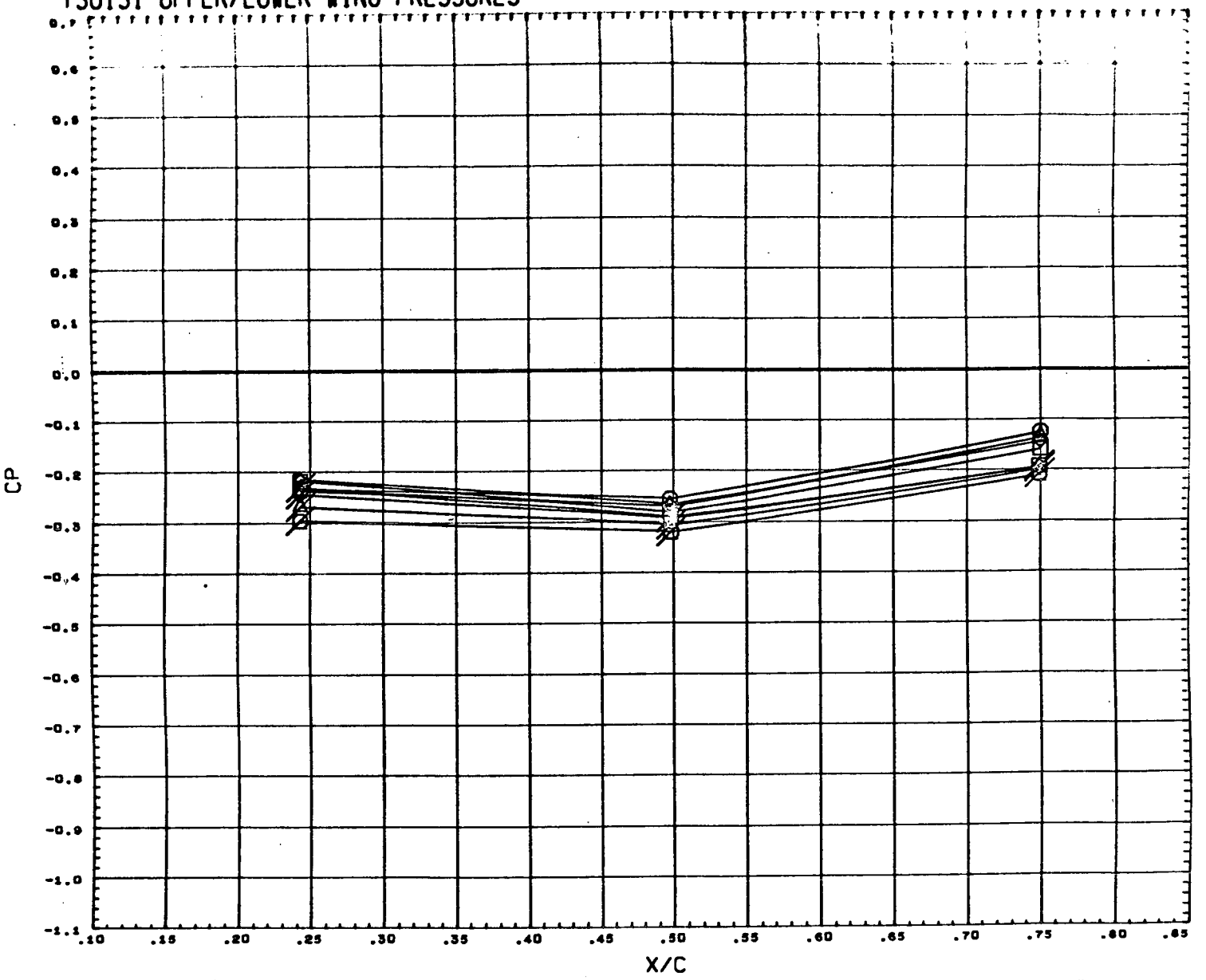
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.594
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.594
△	- 4.000		
◇	- 2.000		
□	0.000		

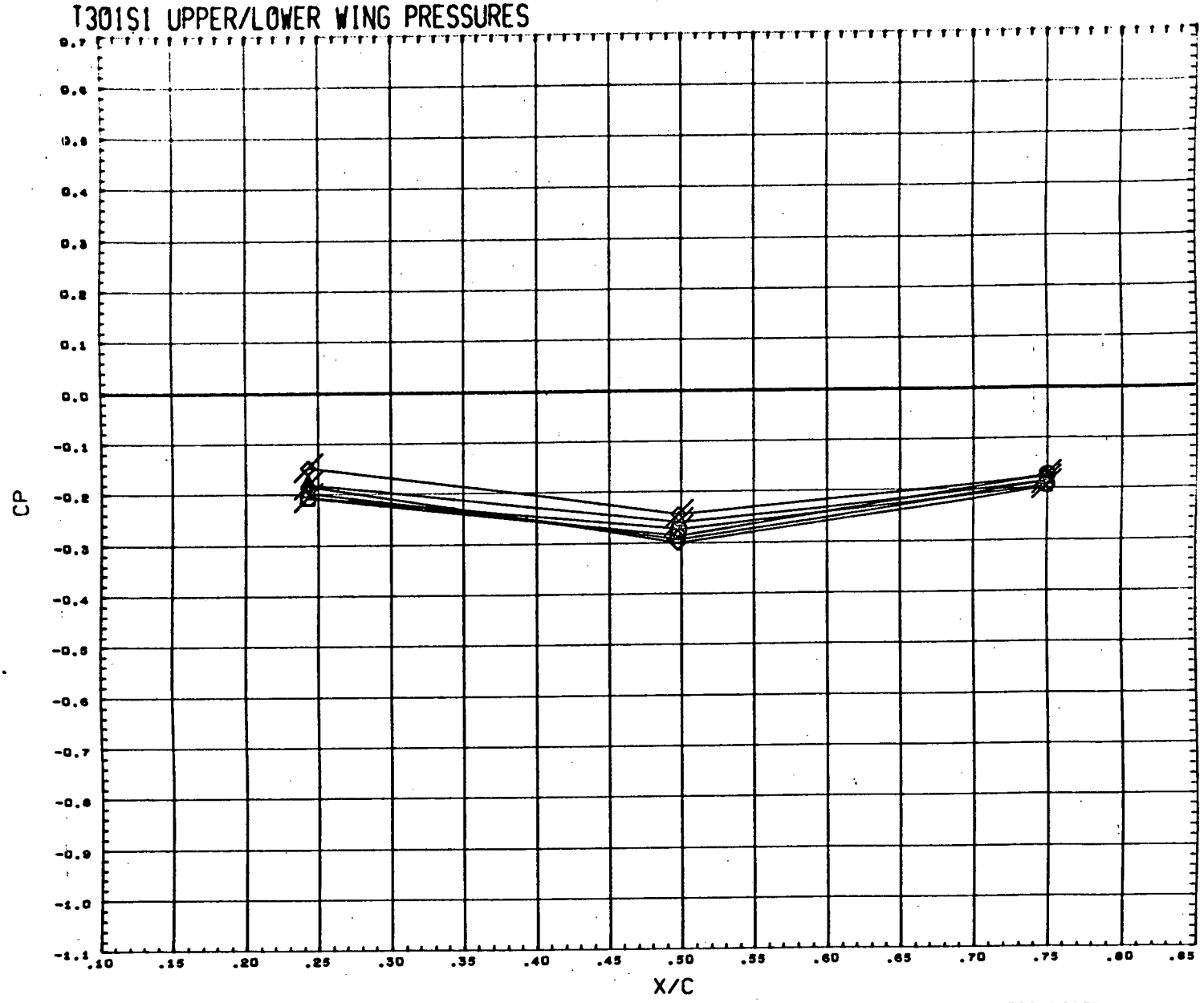
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.594
△	4.000		
◇	6.000		

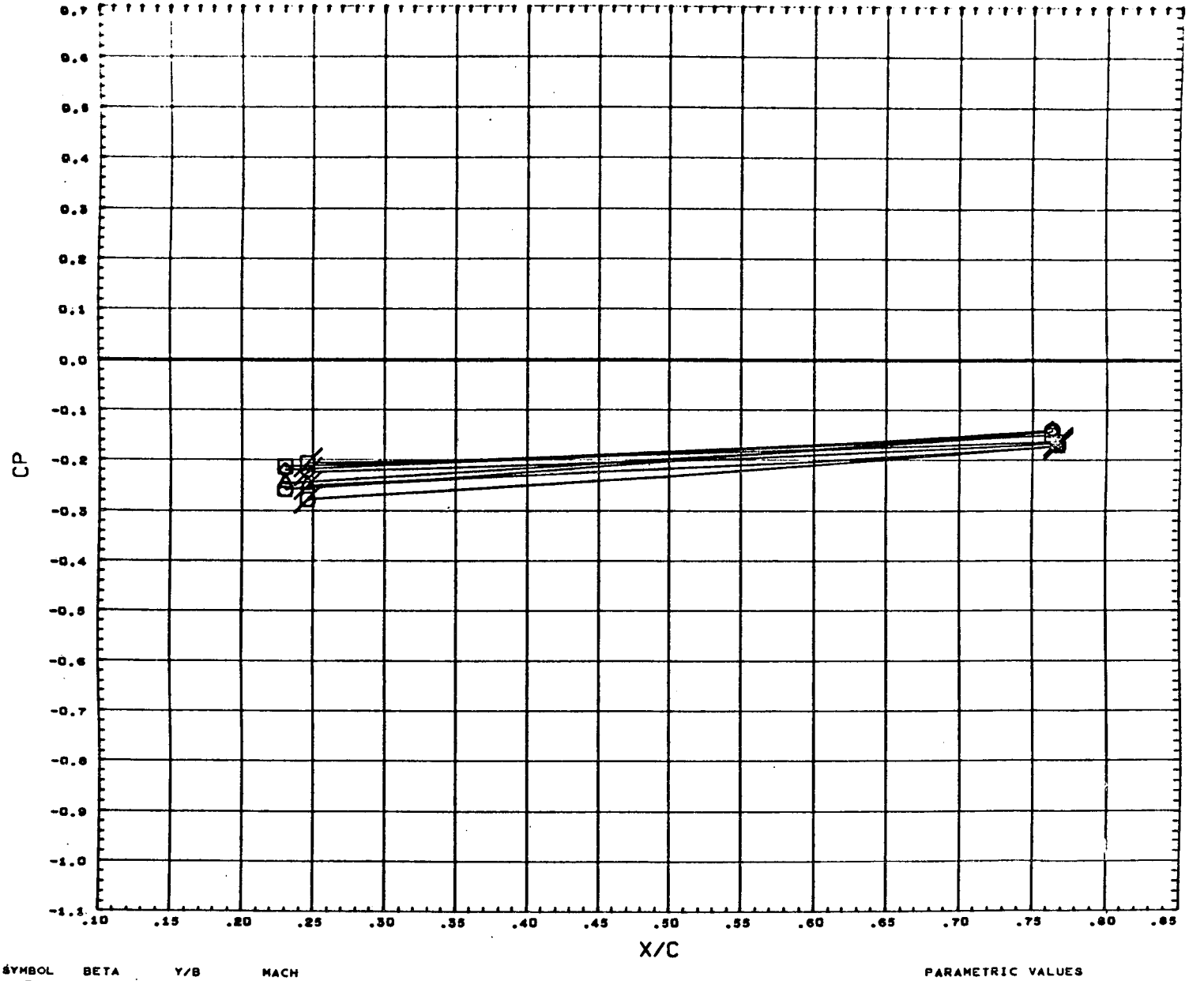
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.594
△	- 4.000		
◇	- 2.000		
□	0.000		

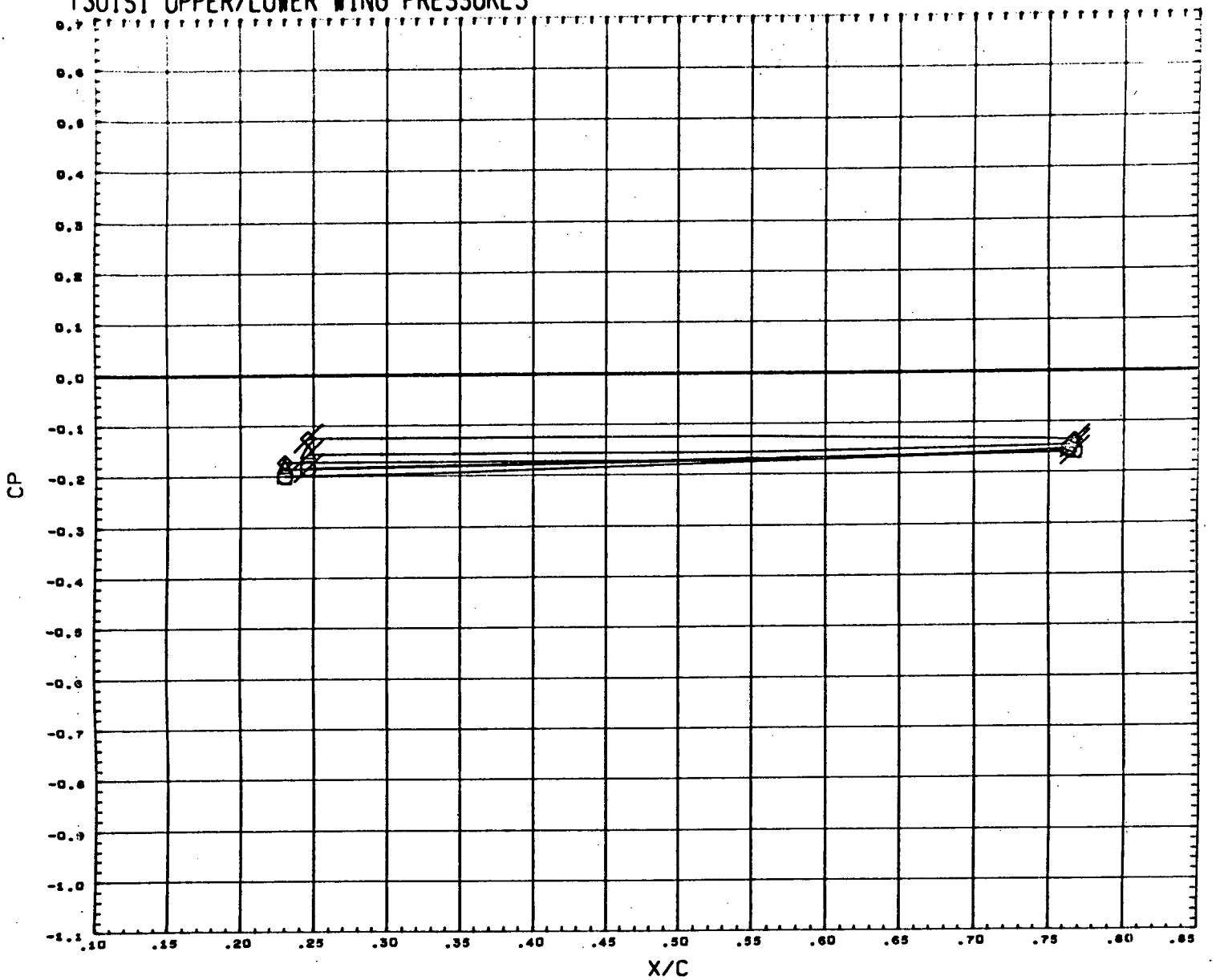
PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

E

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.594
△	4.000		
◇	6.000		

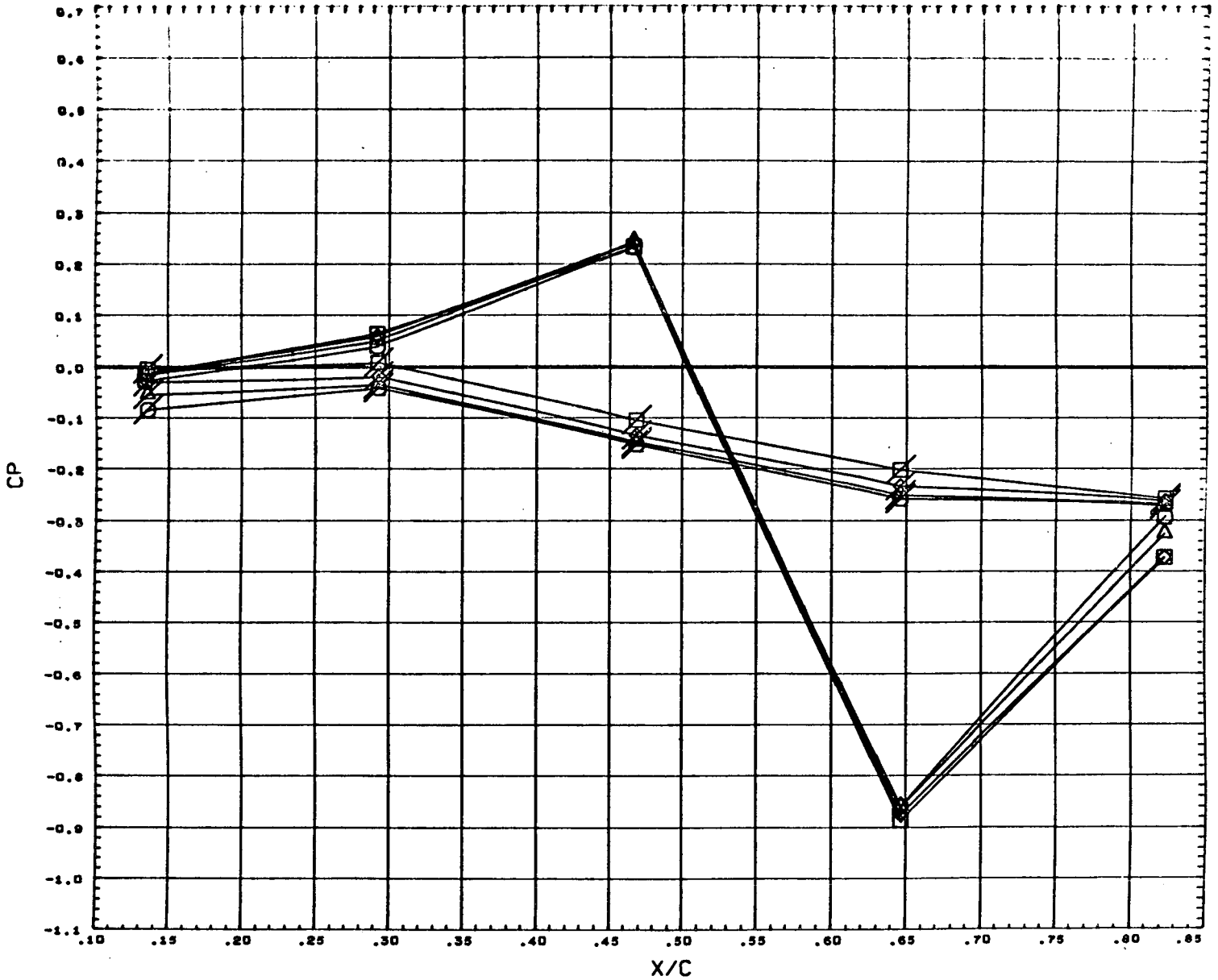
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.897
△	- 4.000		
◇	- 2.000		
□	0.000		

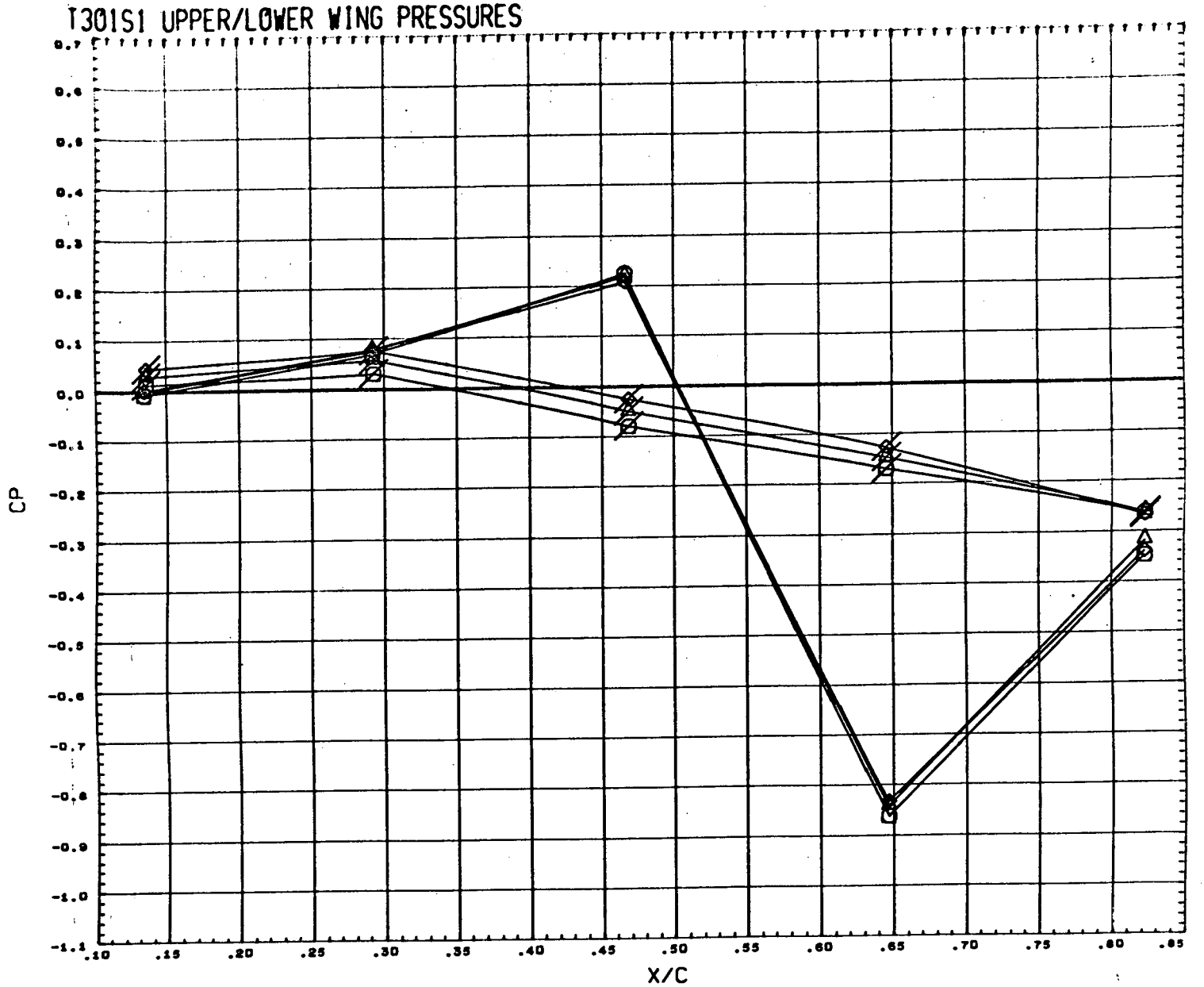
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



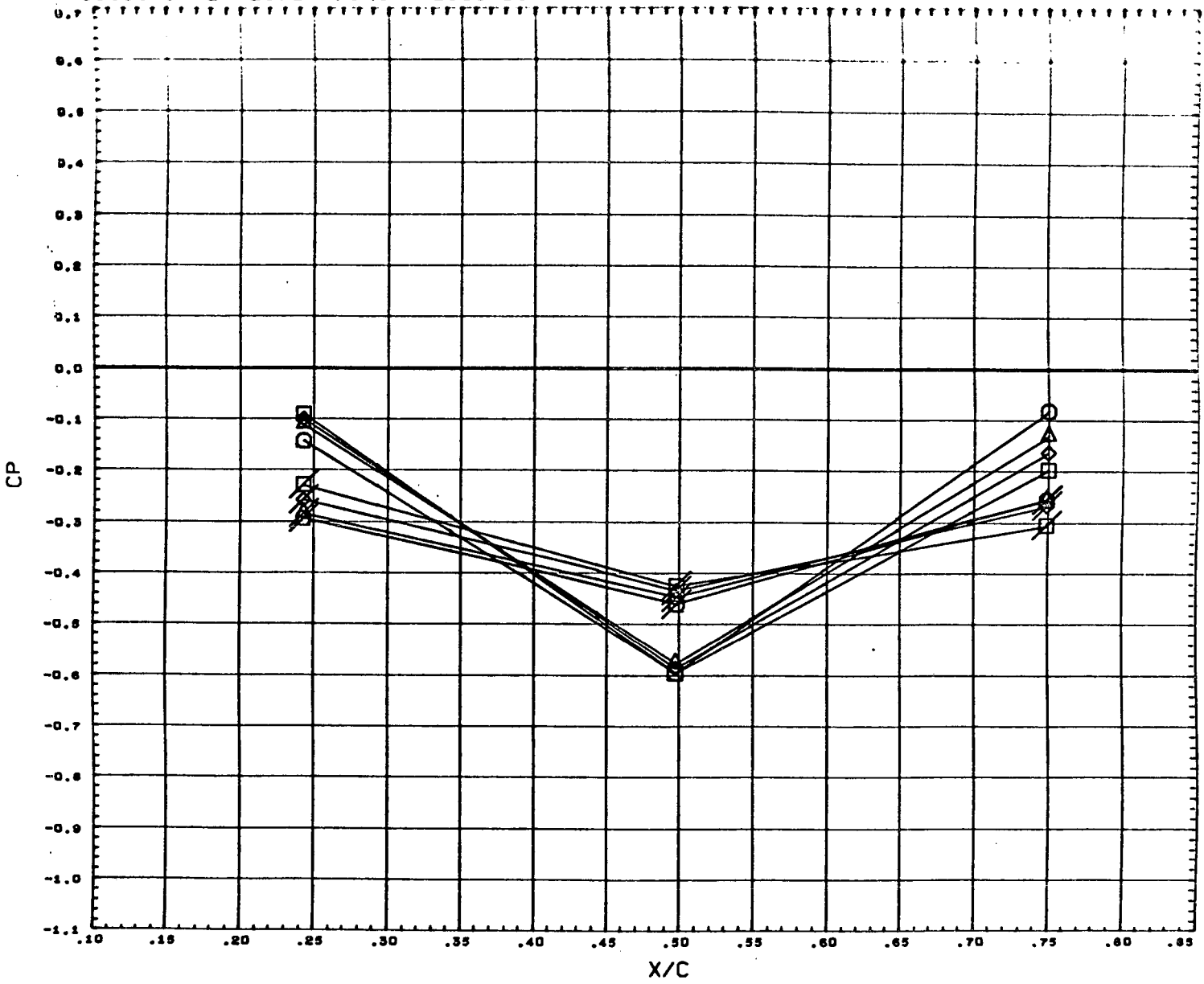
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.897
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.897
△	- 4.000		
◇	- 2.000		
□	0.000		

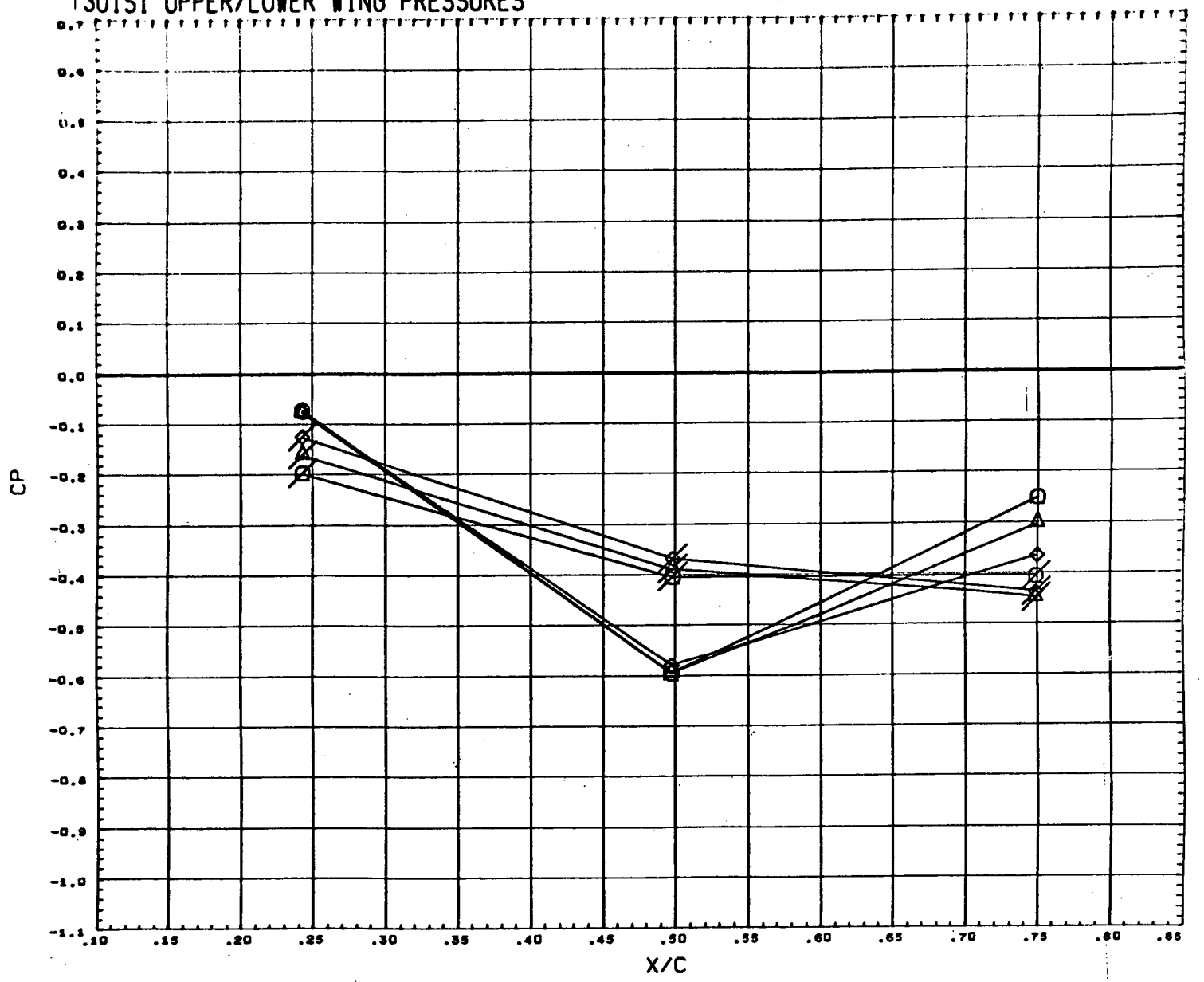
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



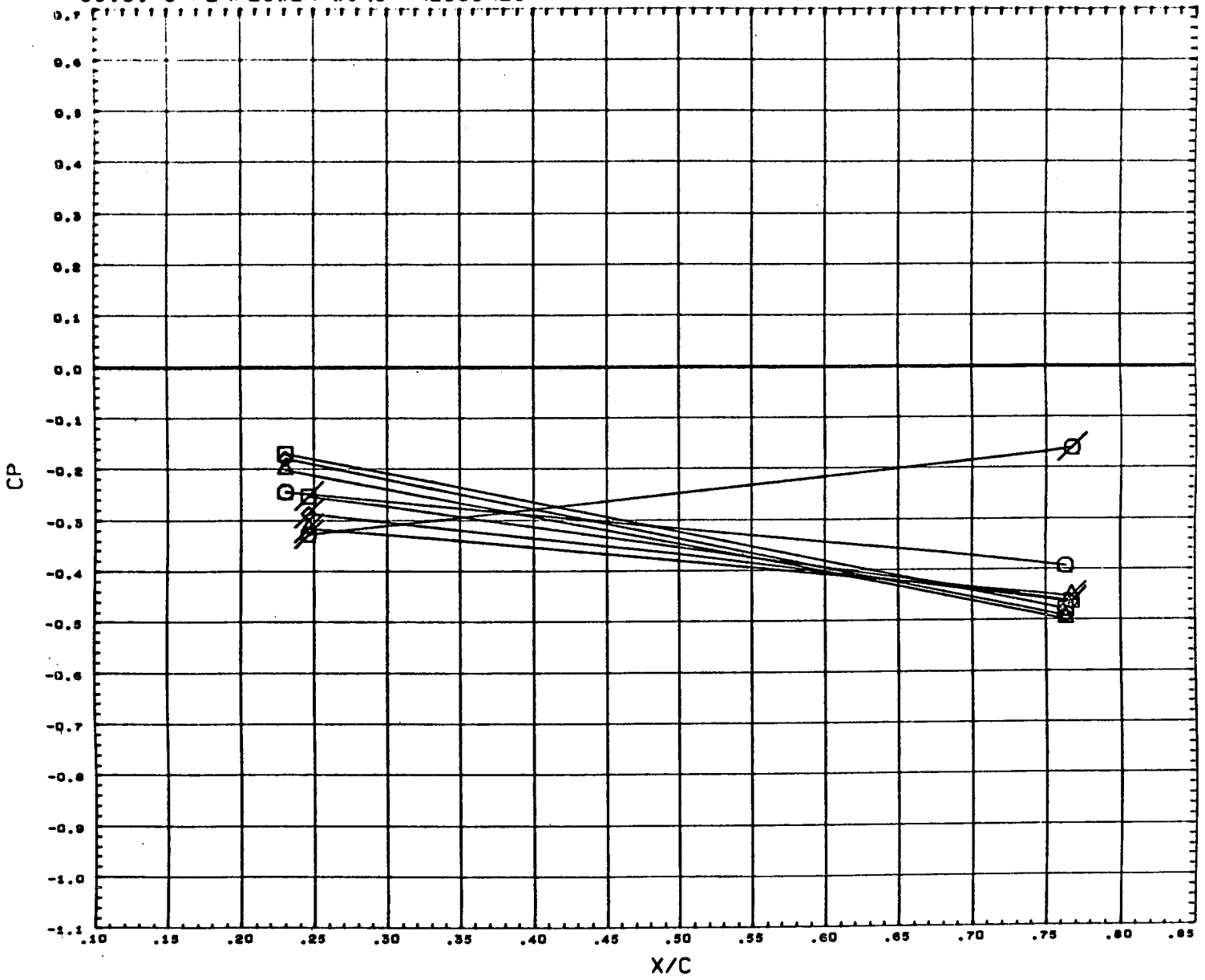
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.897
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.897
△	- 4.000		
◇	- 2.000		
□	0.000		

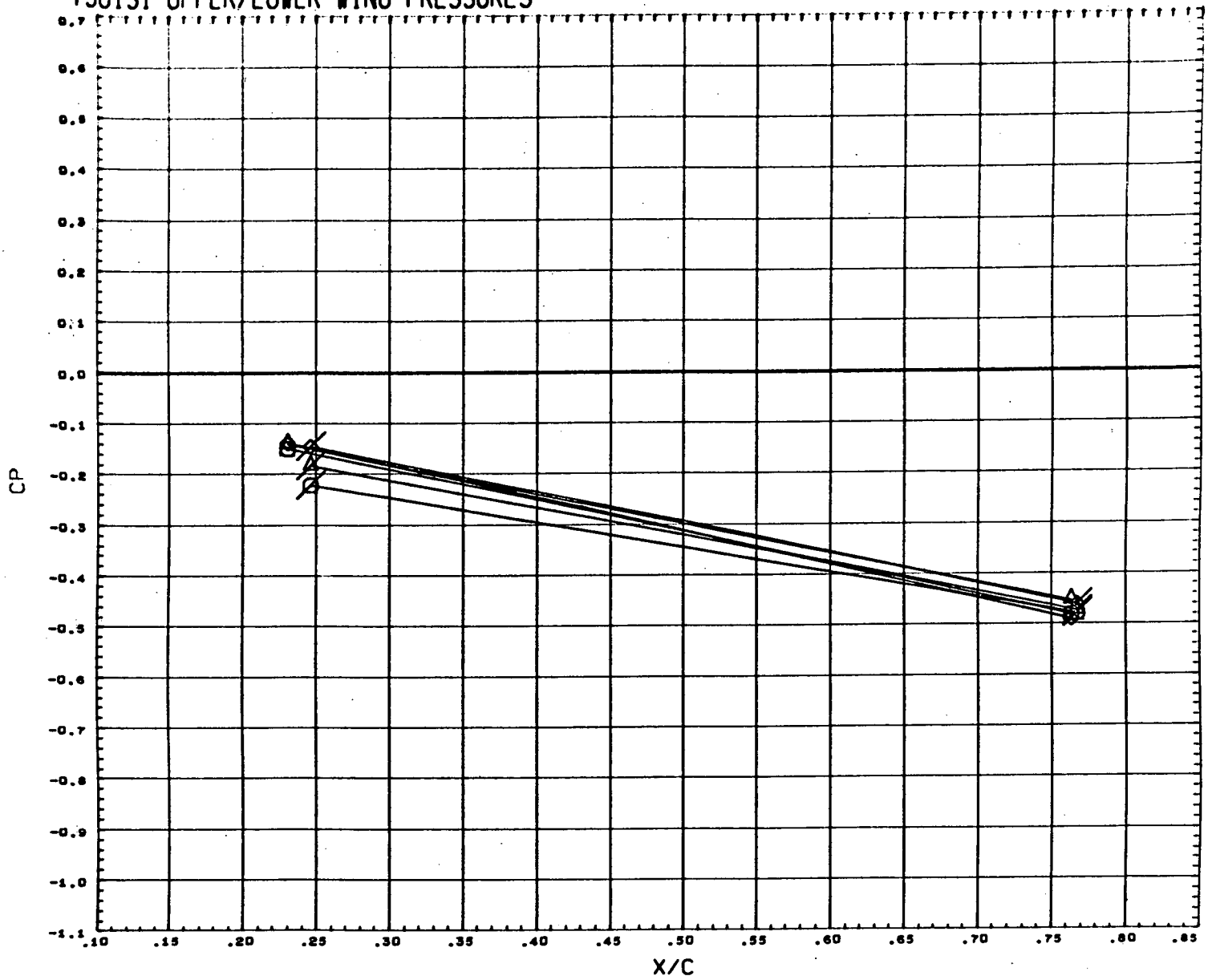
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.897
△	4.000		
◇	6.000		

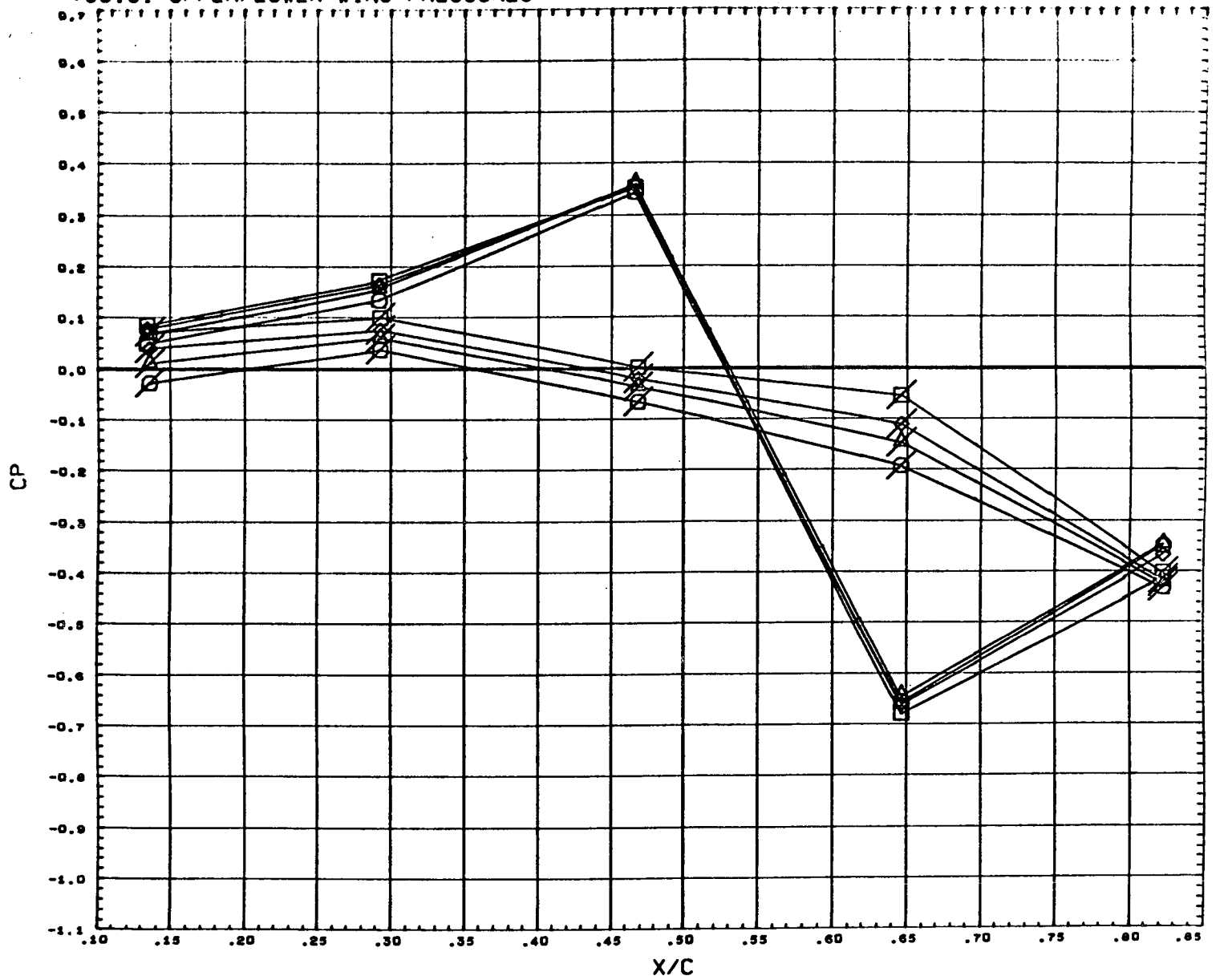
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.994
△	- 4.000		
◇	- 2.000		
□	0.000		

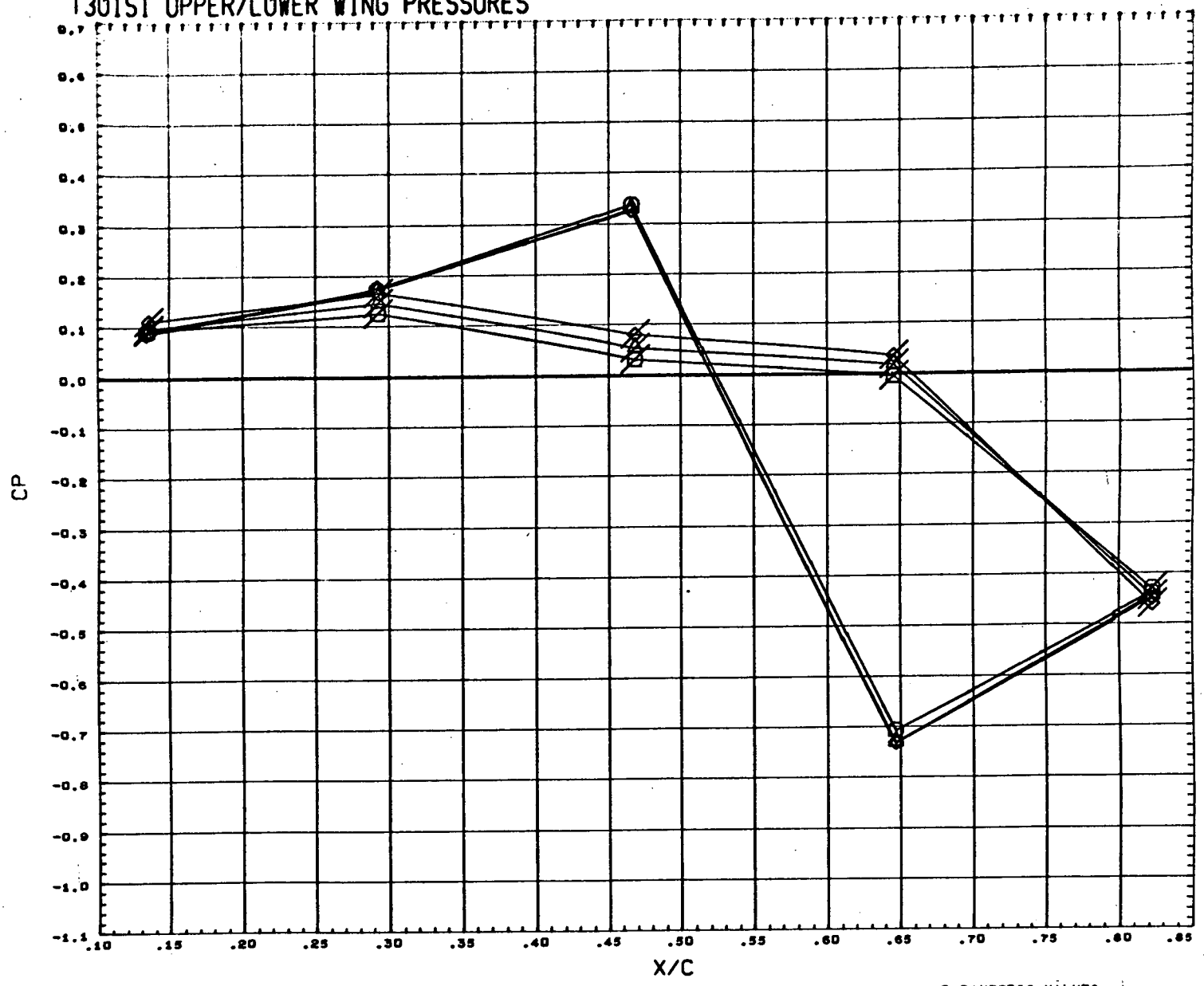
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.994
△	4.000		
◇	6.000		

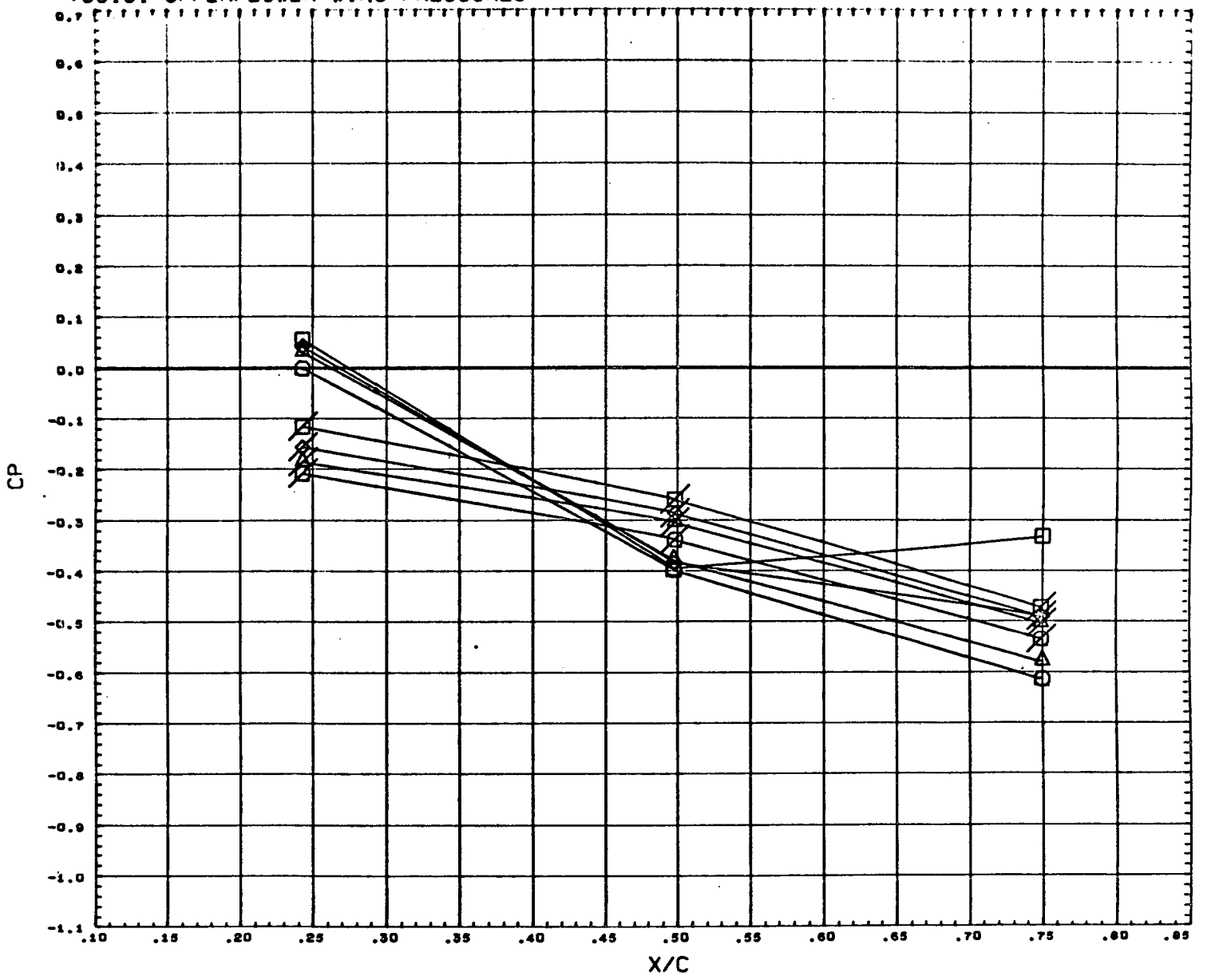
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.994
△	- 4.000		
◇	- 2.000		
□	0.000		

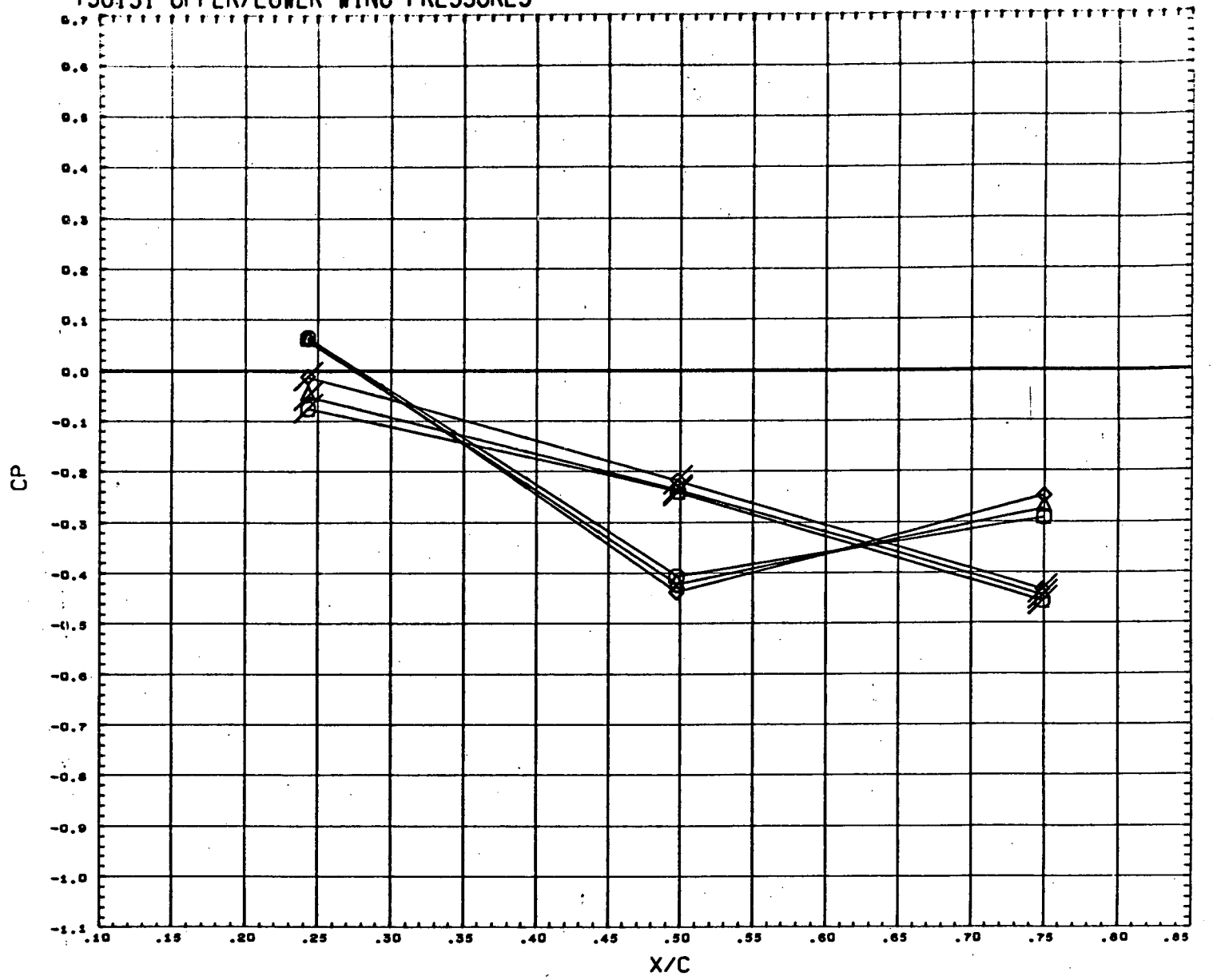
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



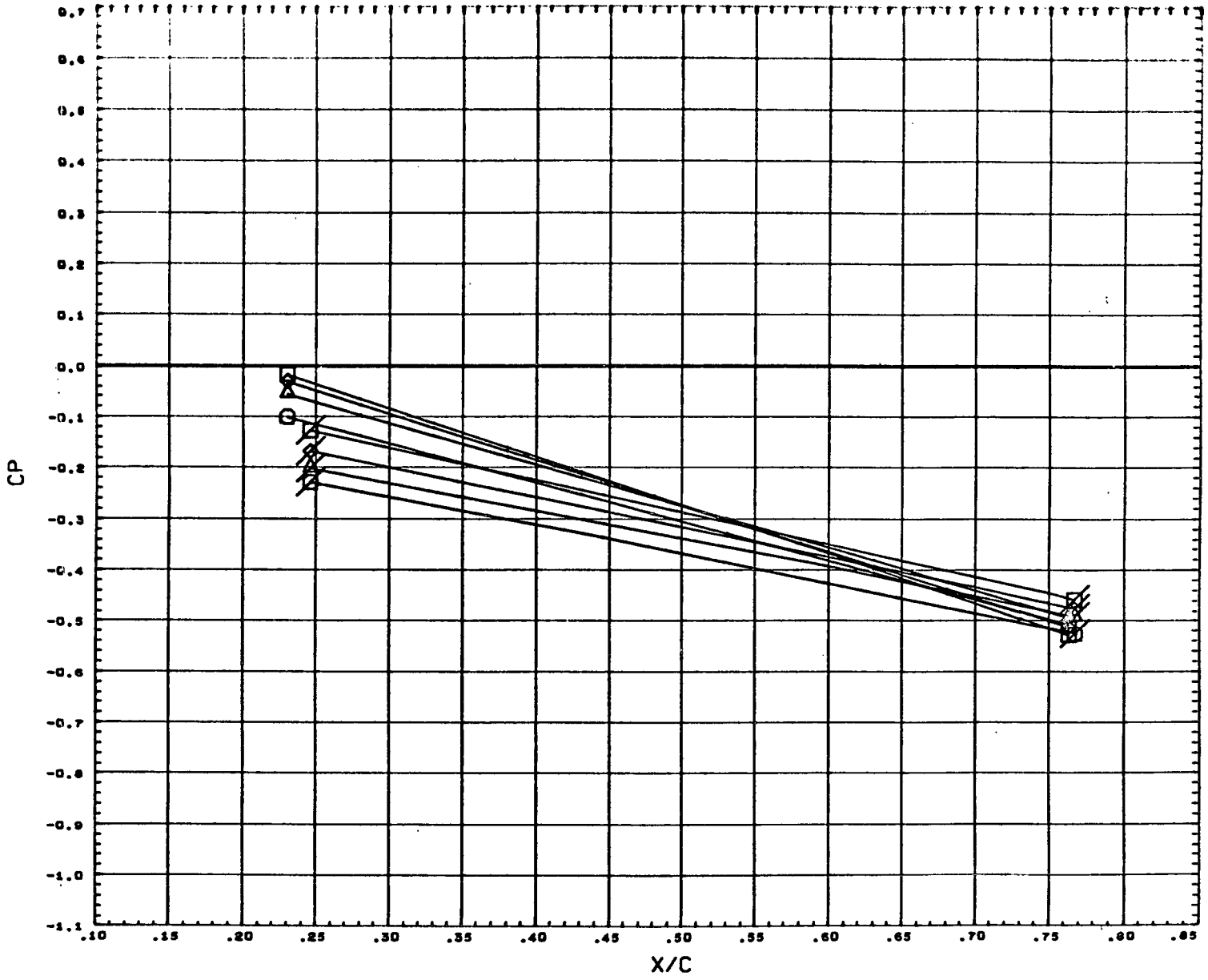
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.994
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



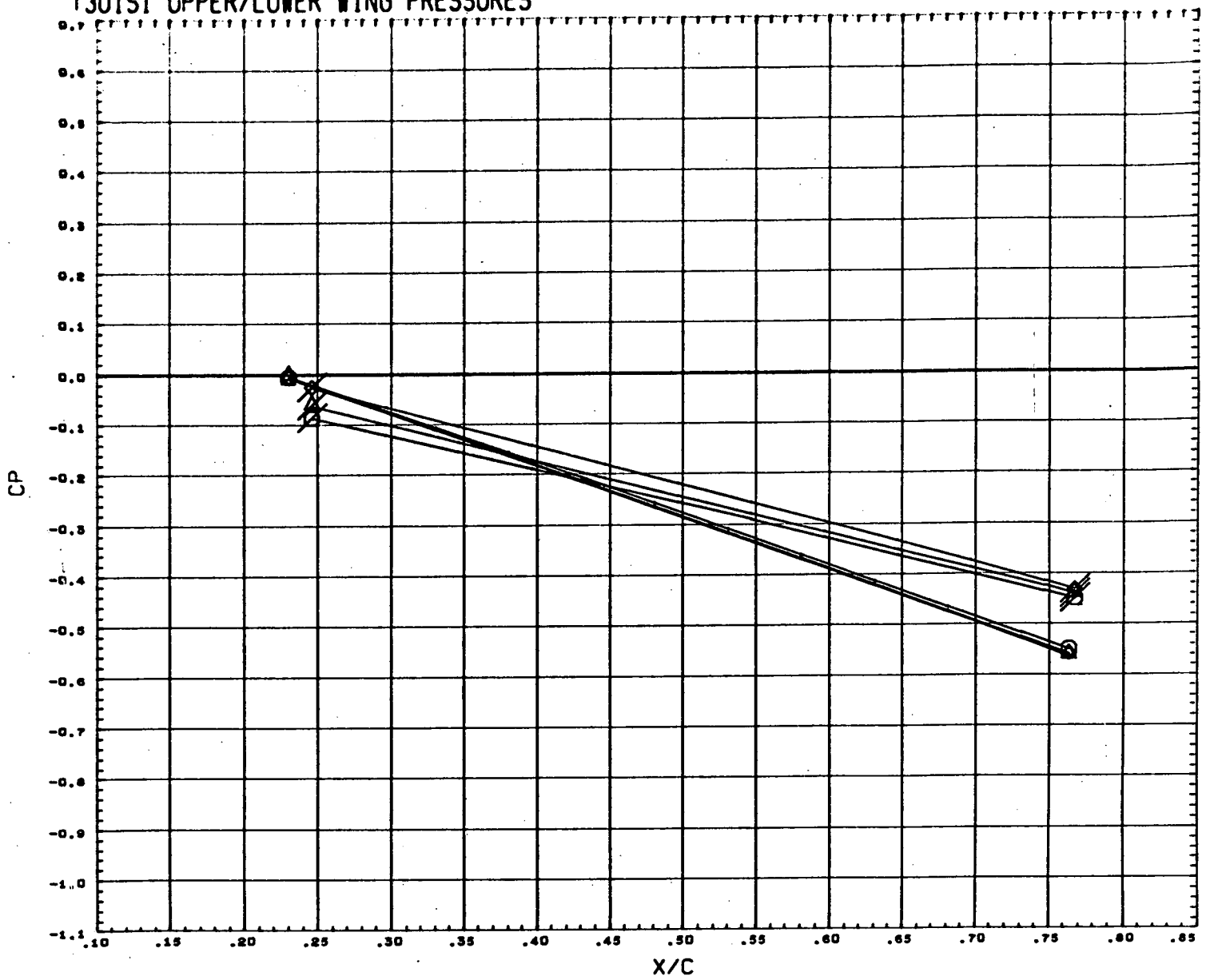
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.994
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.994
△	4.000		
◇	6.000		

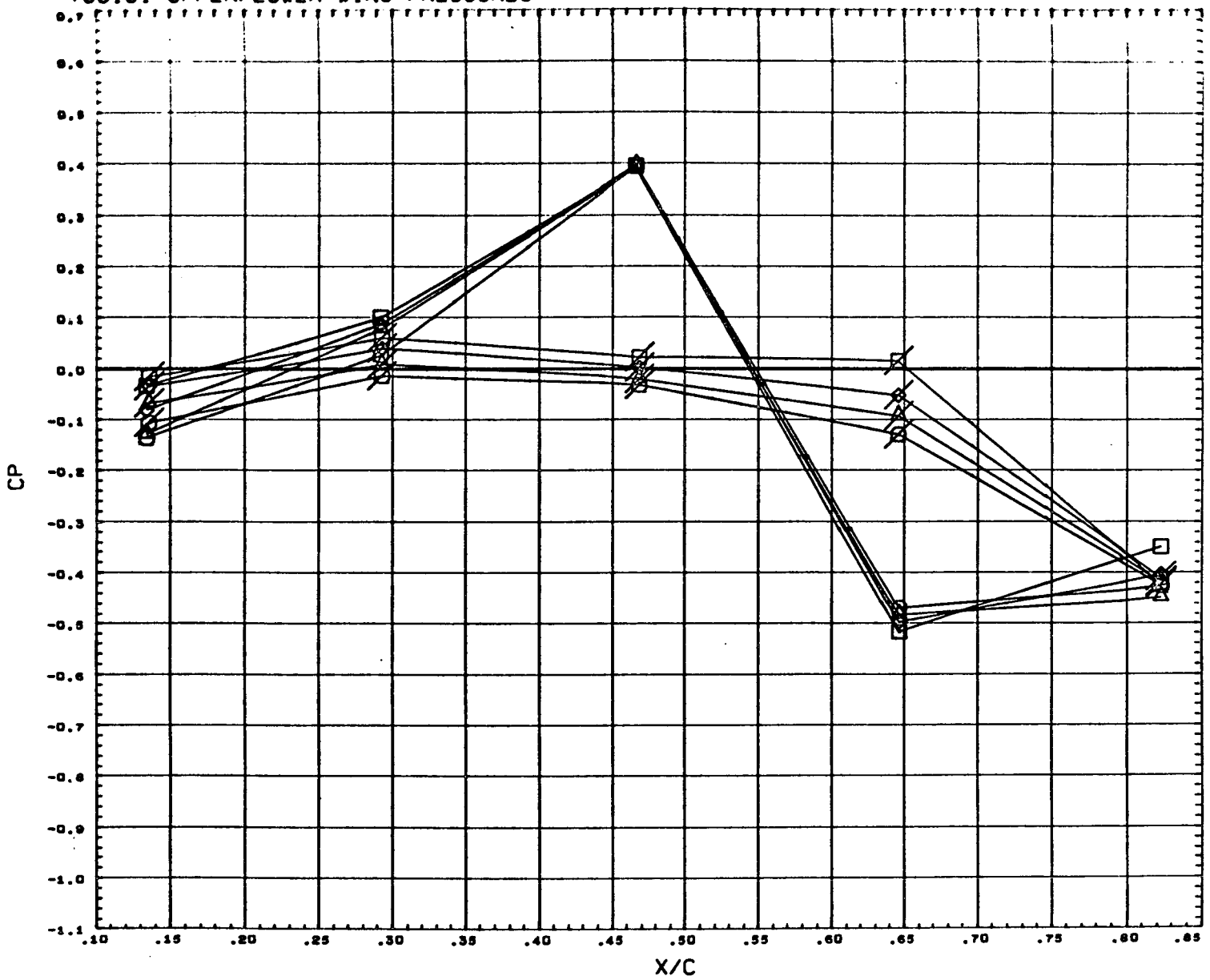
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.095
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

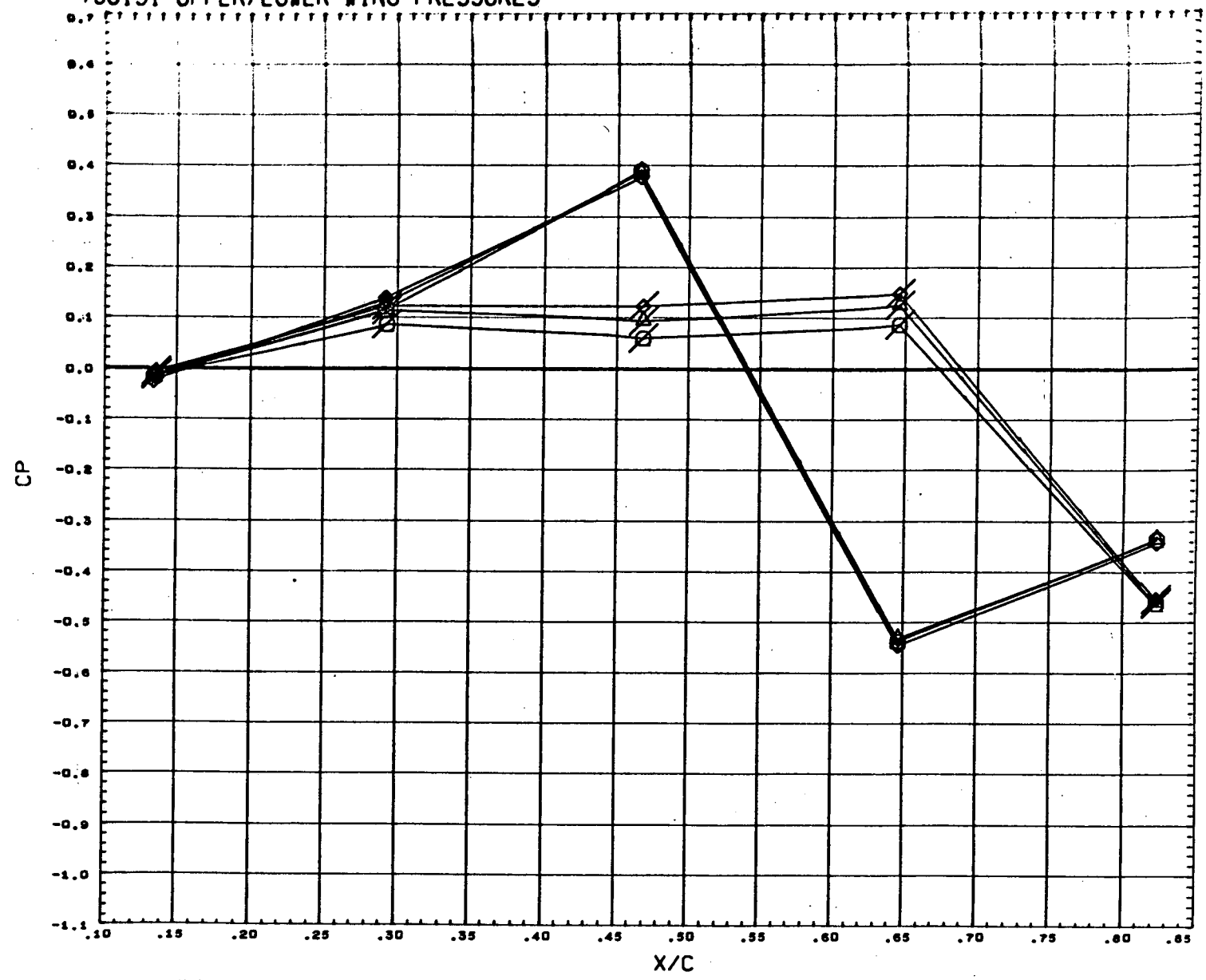
ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

F

T301S1 UPPER/LOWER WING PRESSURES



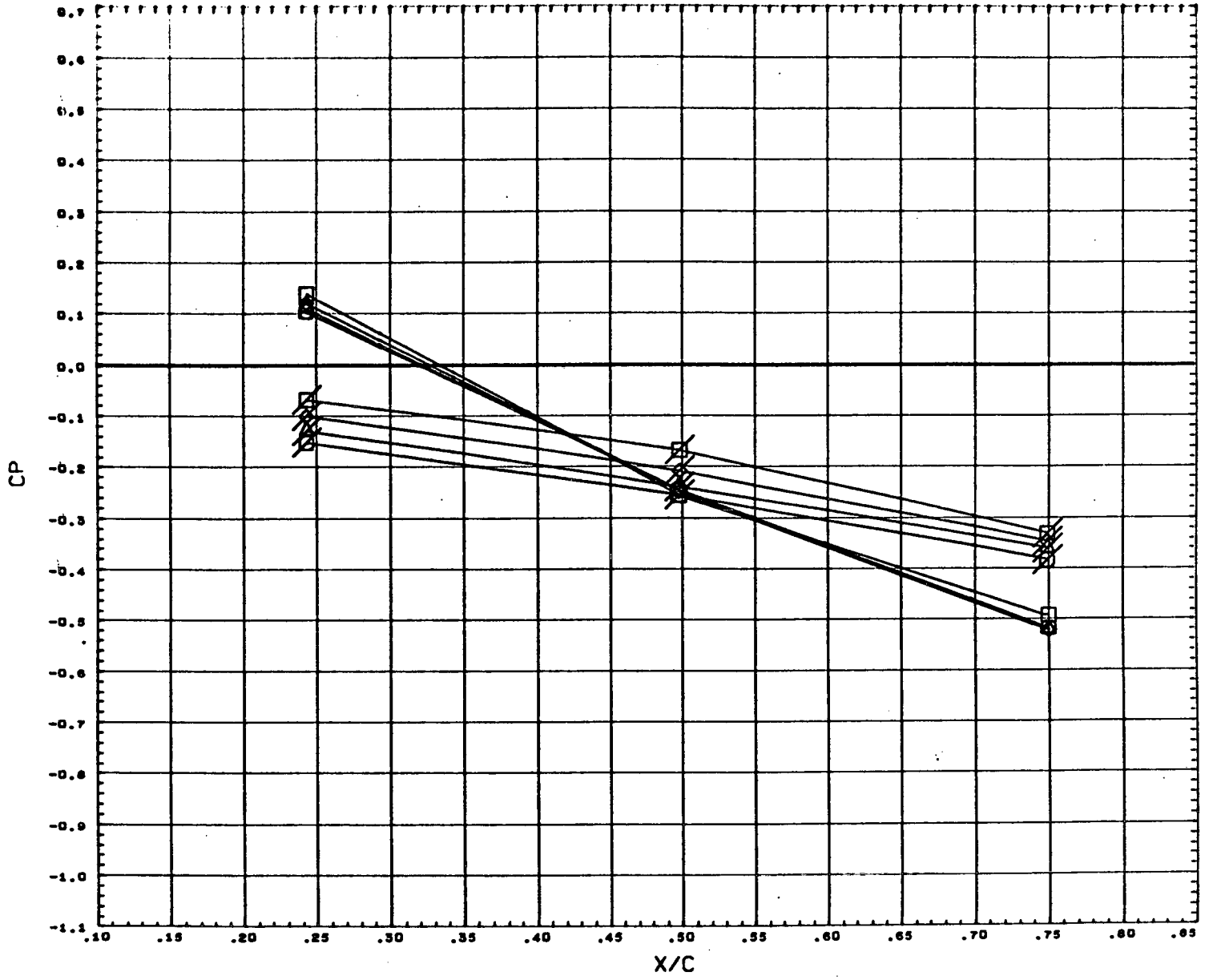
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.095
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.095
△	4.000		
◇	2.000		
□	0.000		

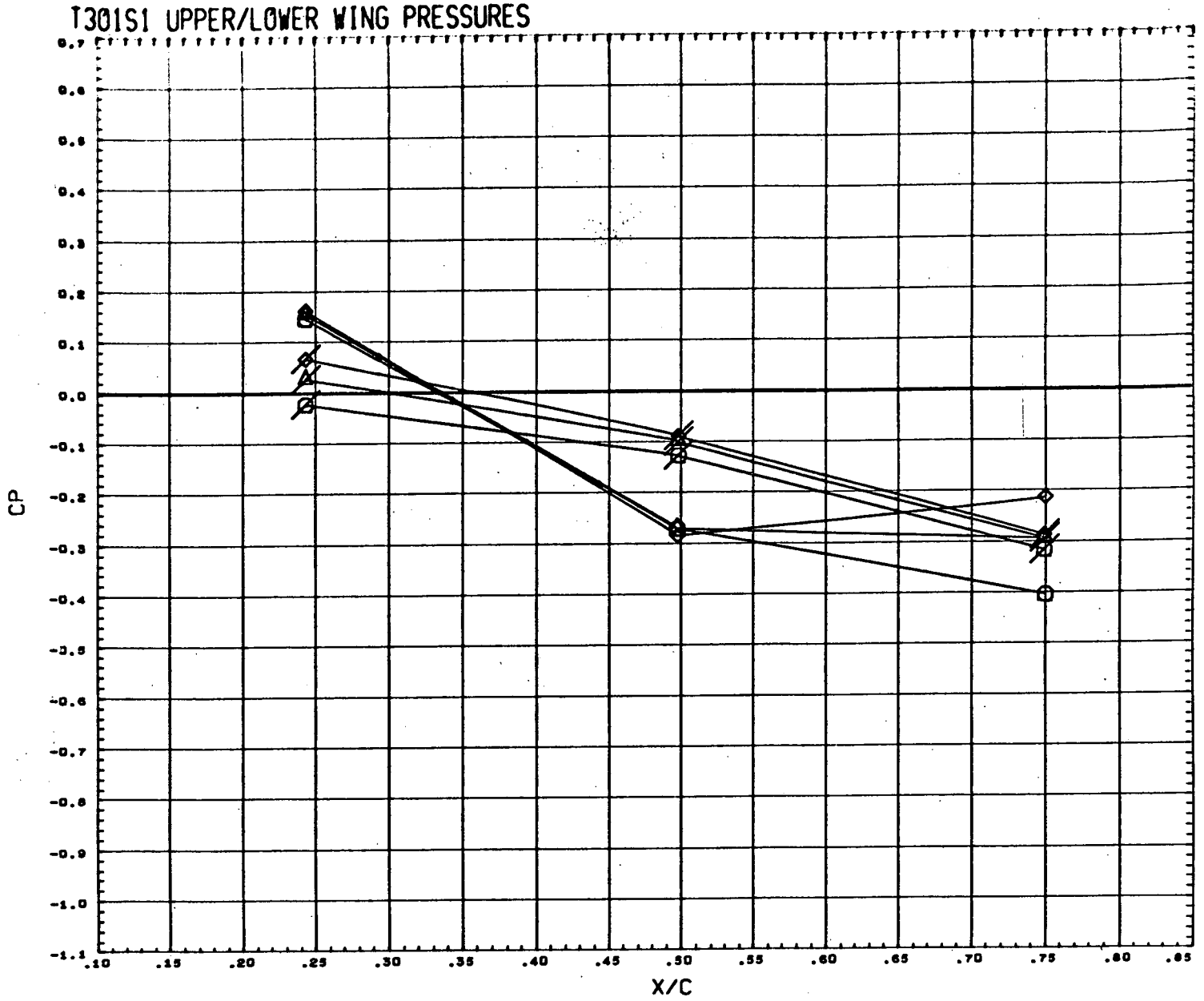
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.095
△	4.000		
◇	6.000		

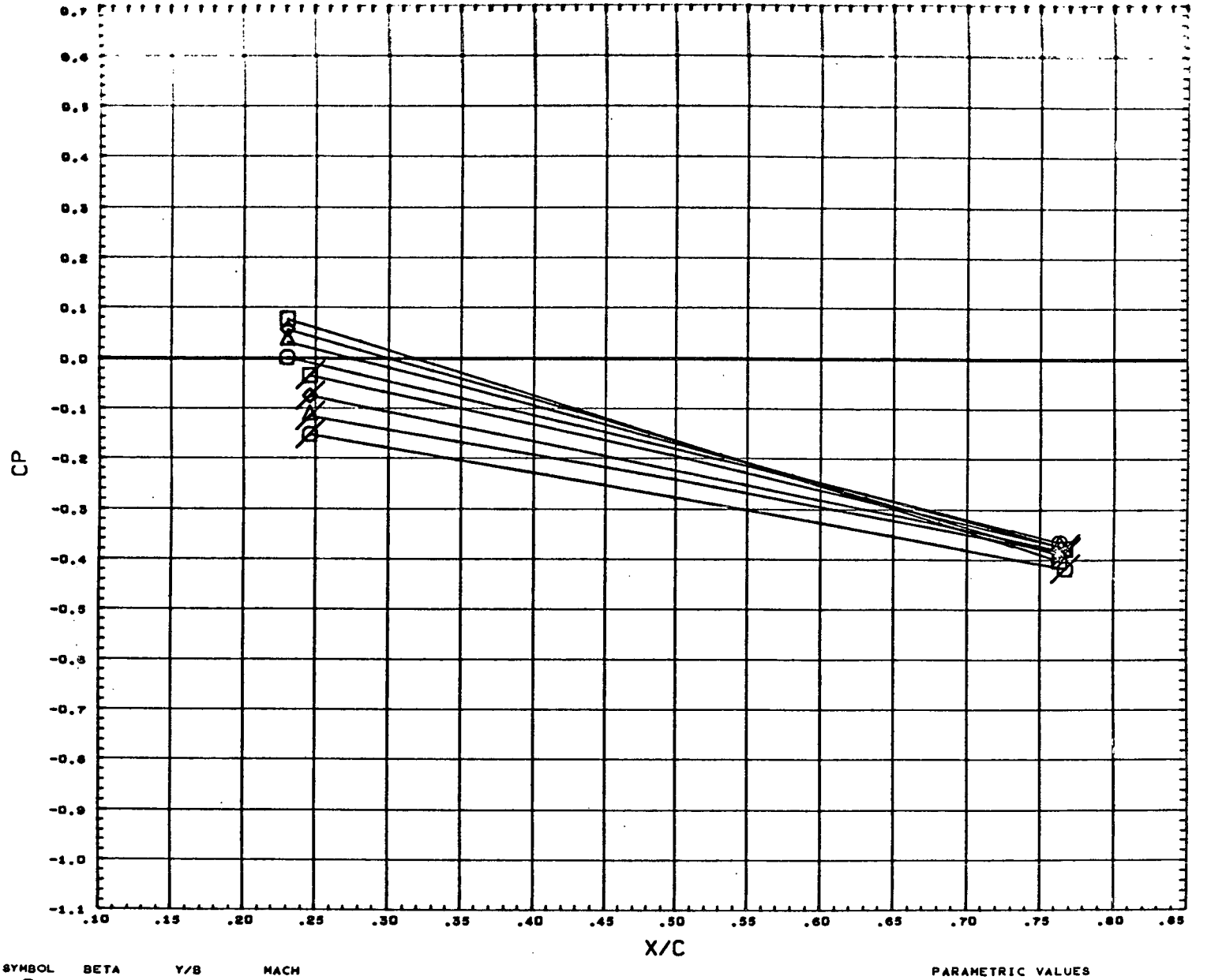
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.095
△	- 4.000		
◇	- 2.000		
□	0.000		

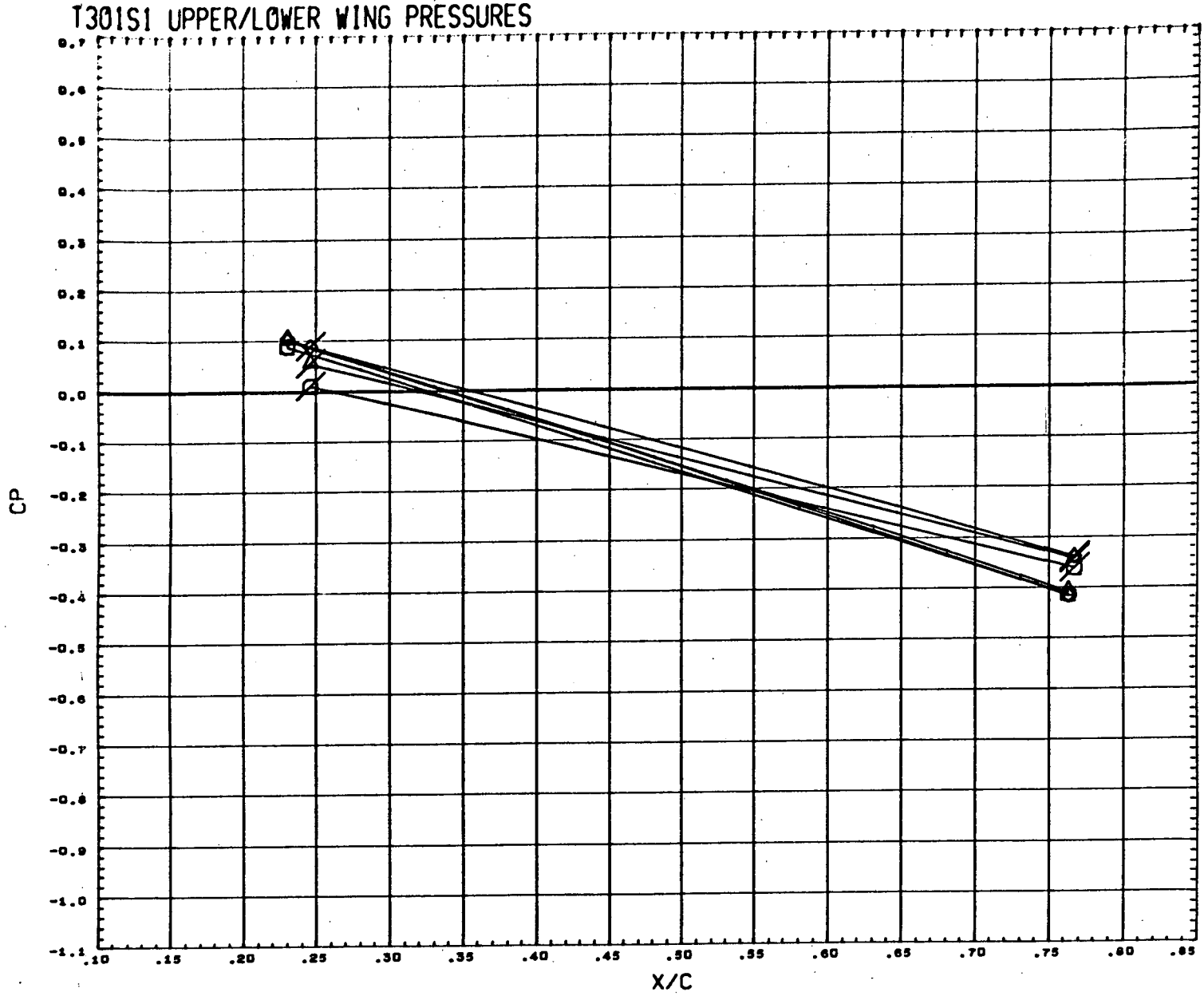
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.095
△	4.000		
◇	6.000		

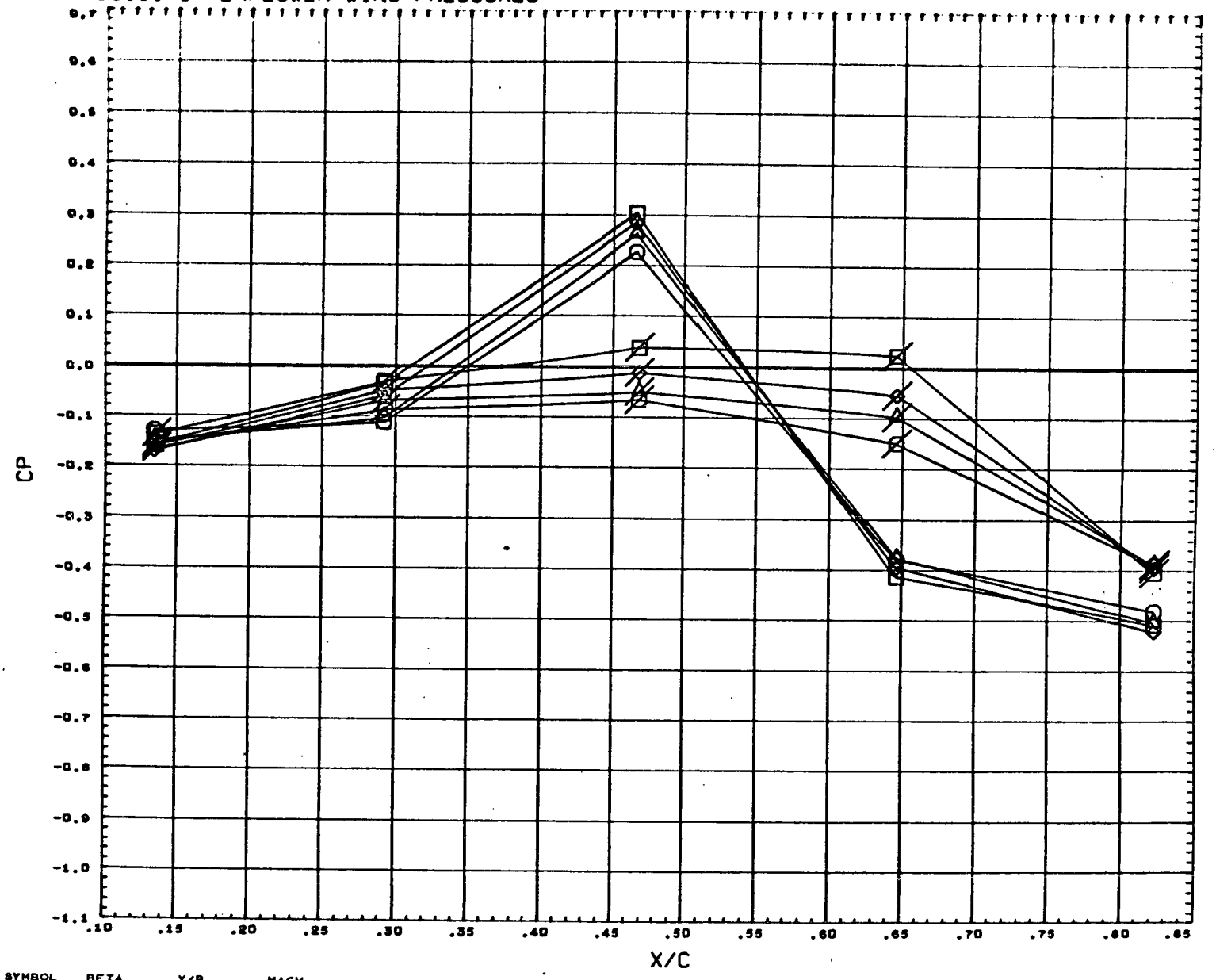
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.198
△	4.000		
◇	2.000		
□	0.000		

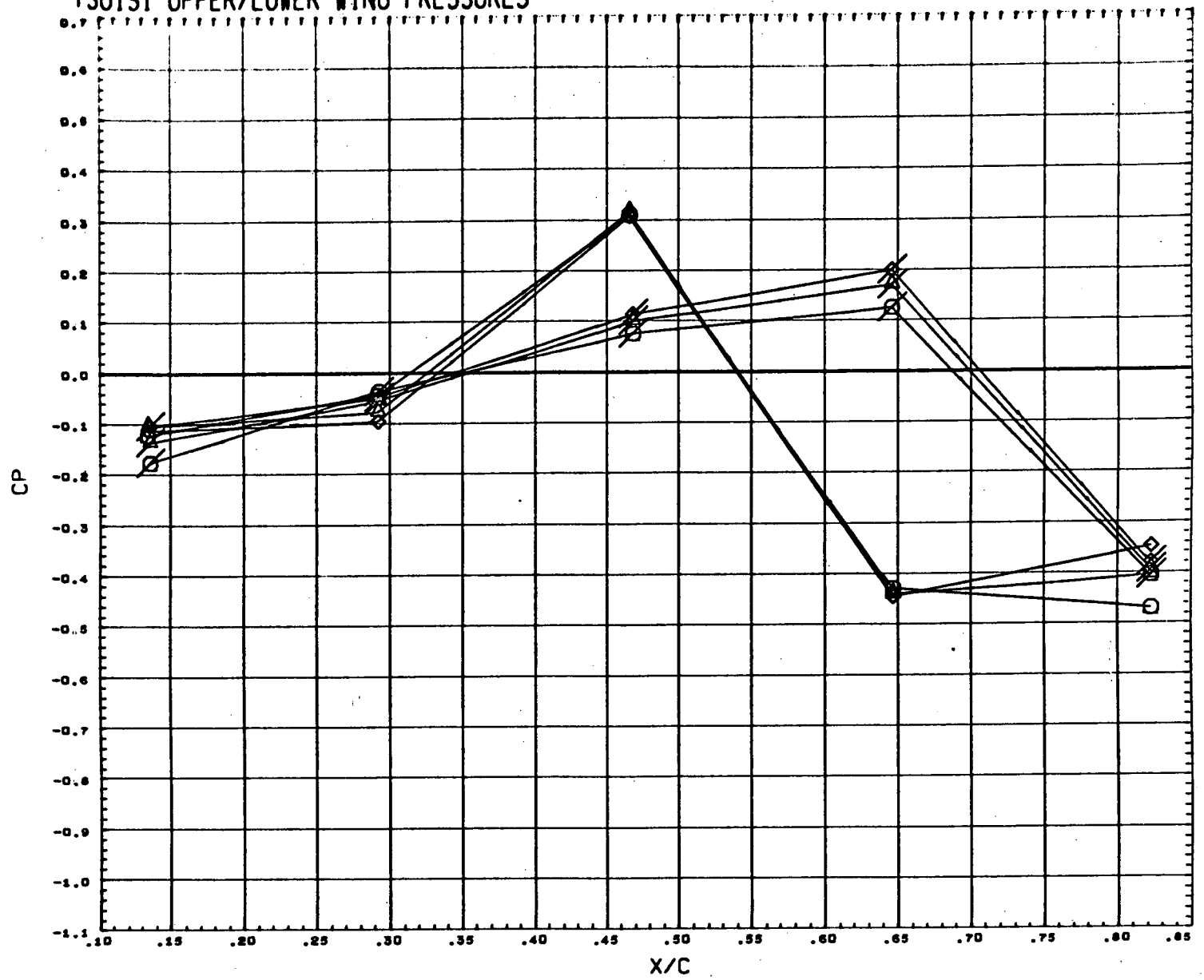
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



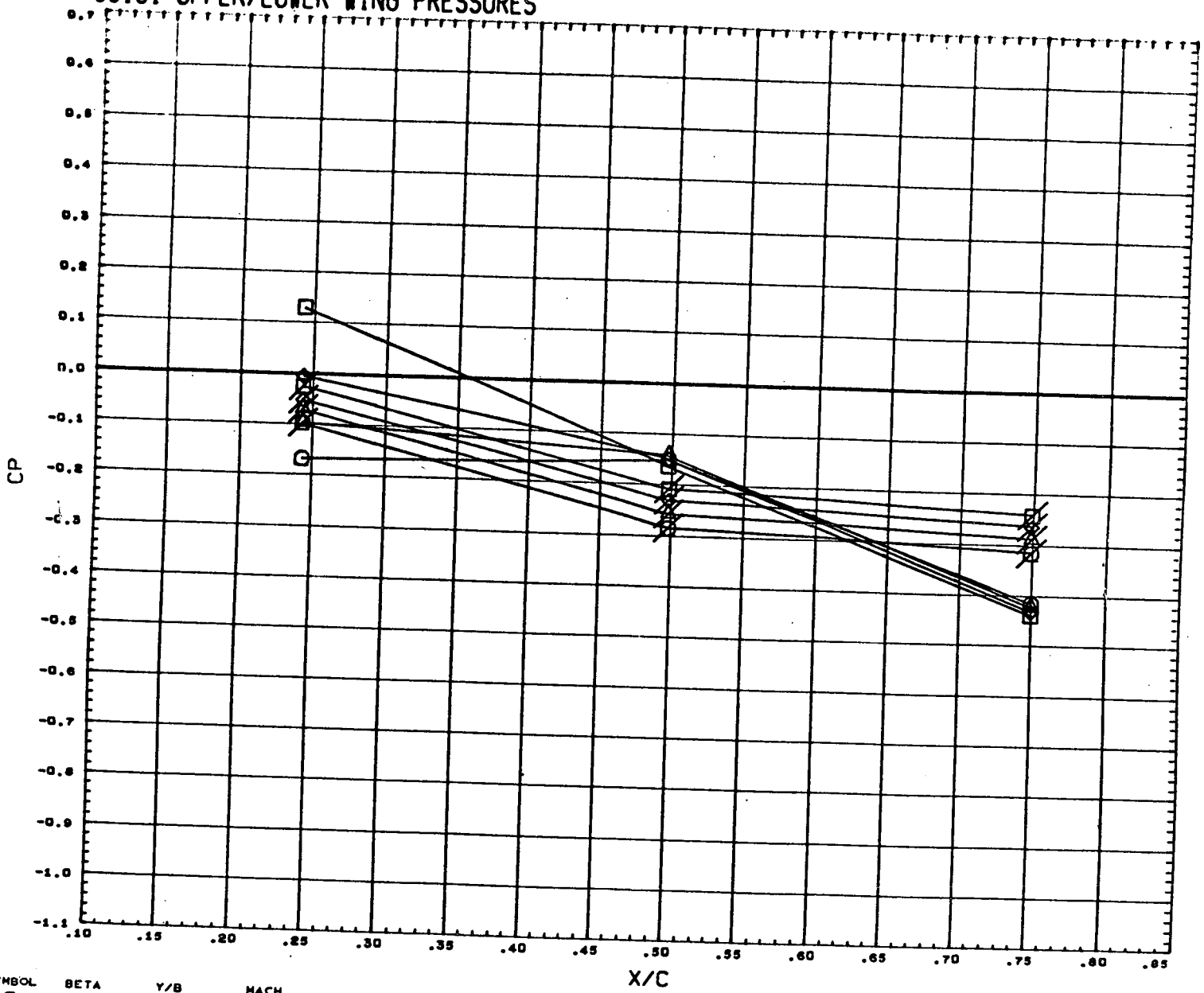
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.198
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.198
△	- 4.000		
◇	- 2.000		
□	0.000		

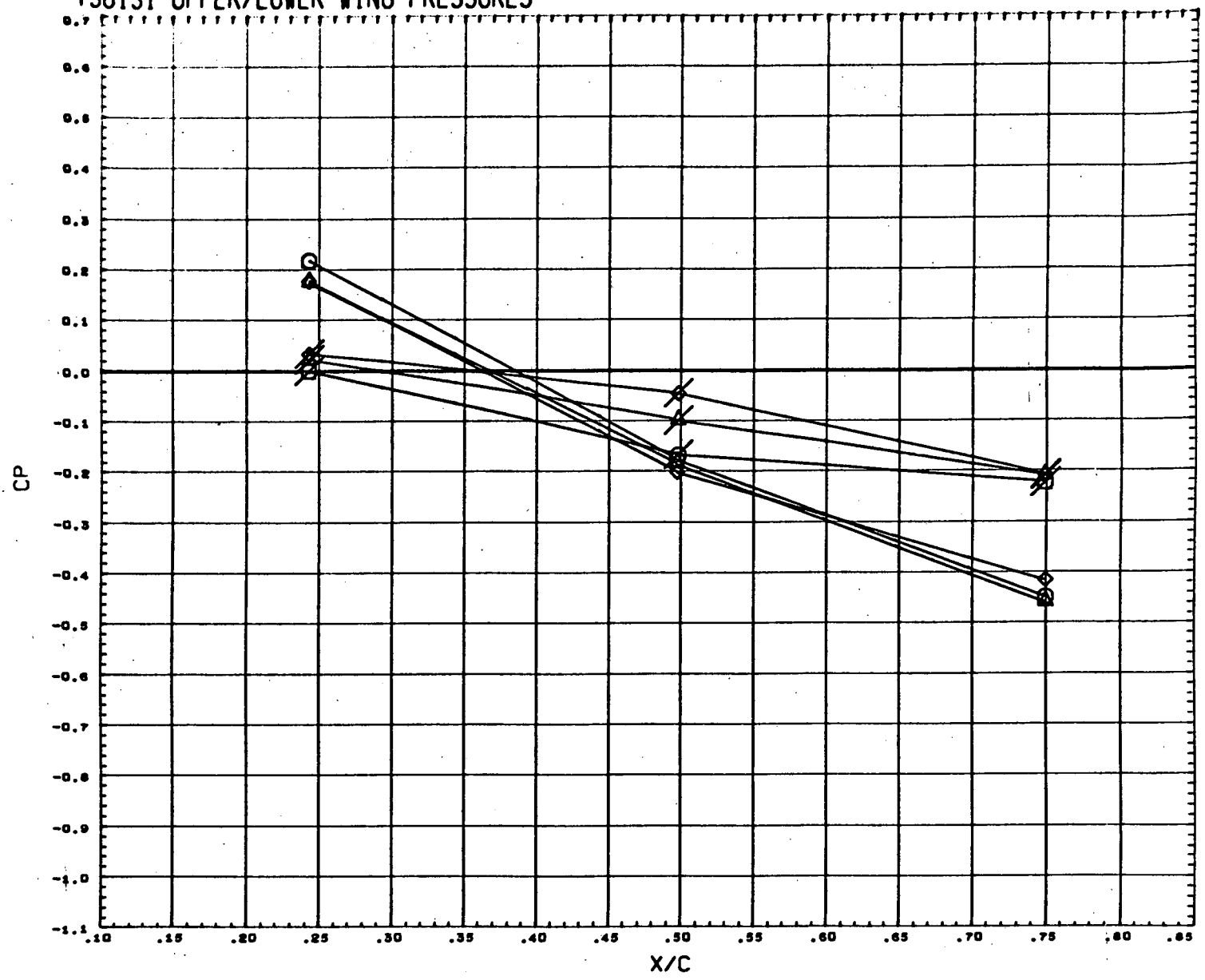
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



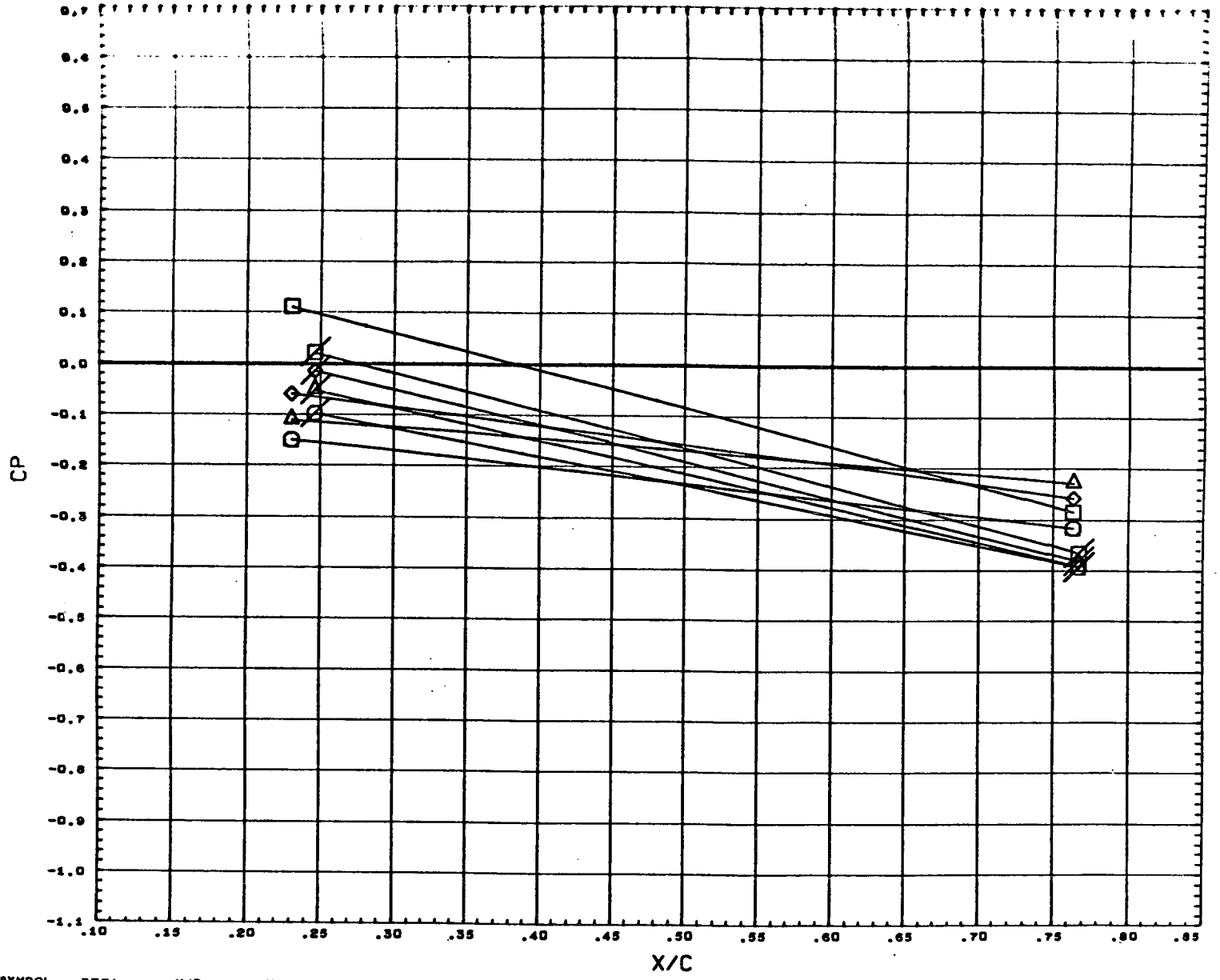
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.198
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.300
PHIS	90.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.198
△	- 4.000		
◇	- 2.000		
□	0.000		

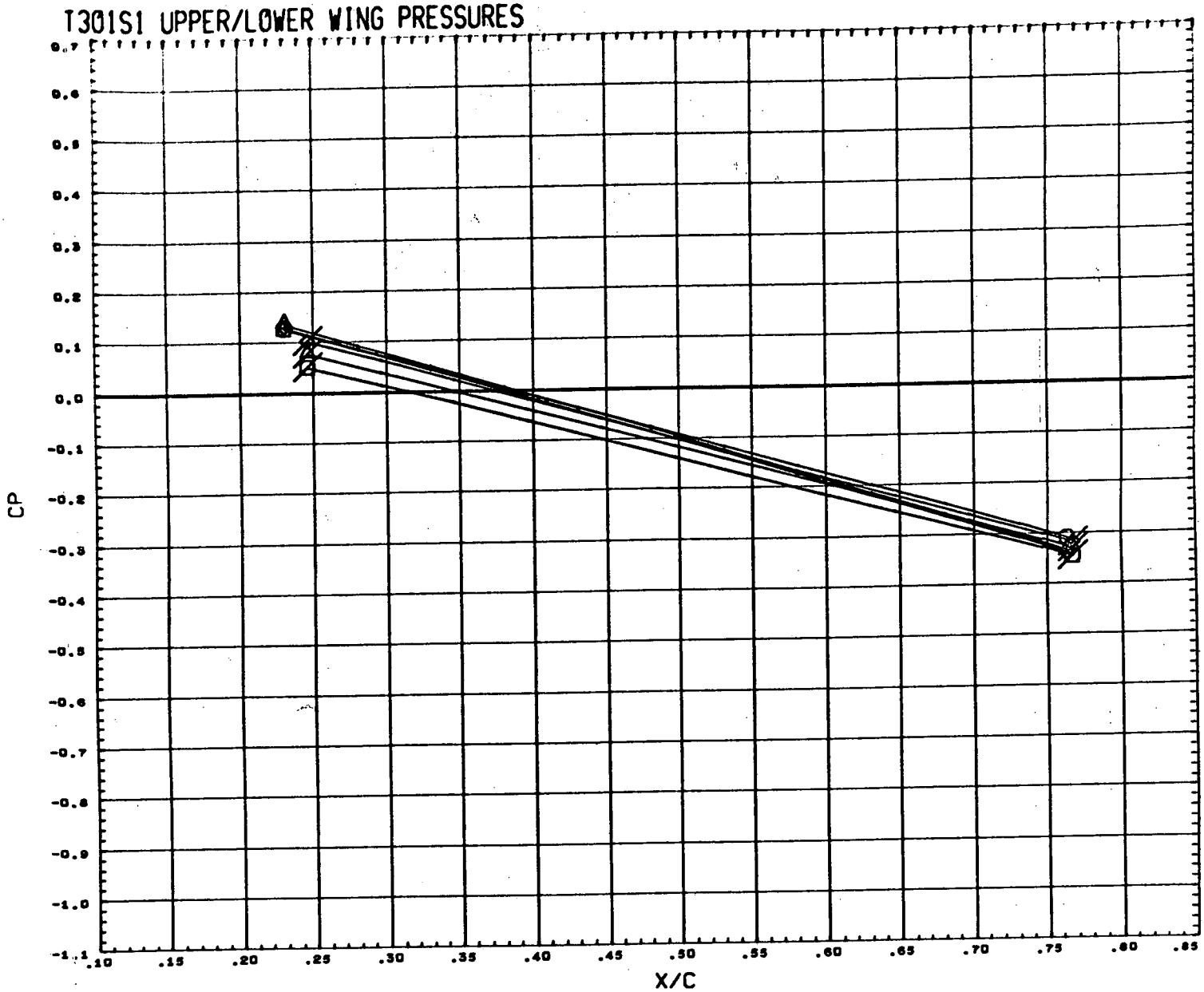
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.198
△	4.000		
◇	6.000		

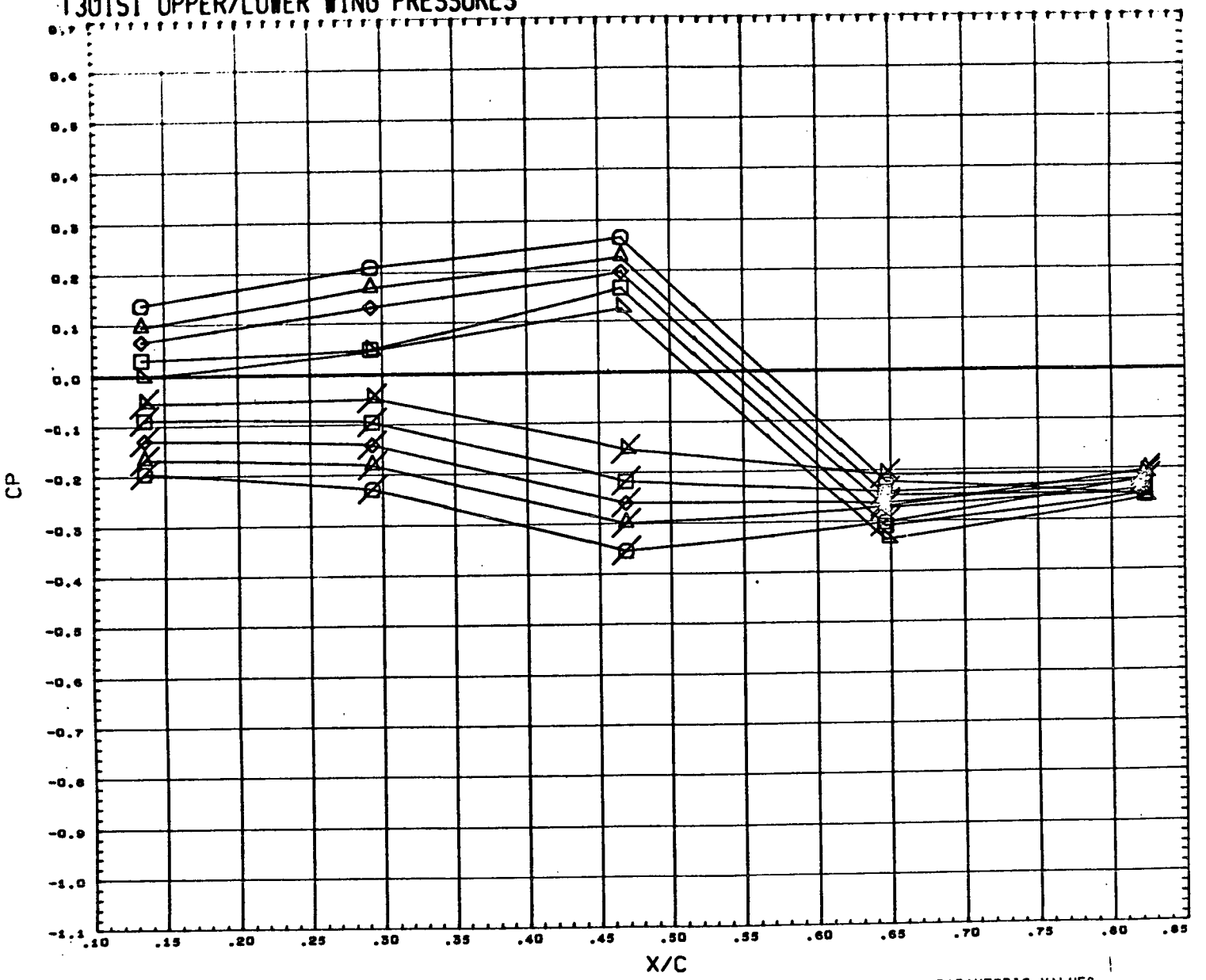
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 90.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73024)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	0.596
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

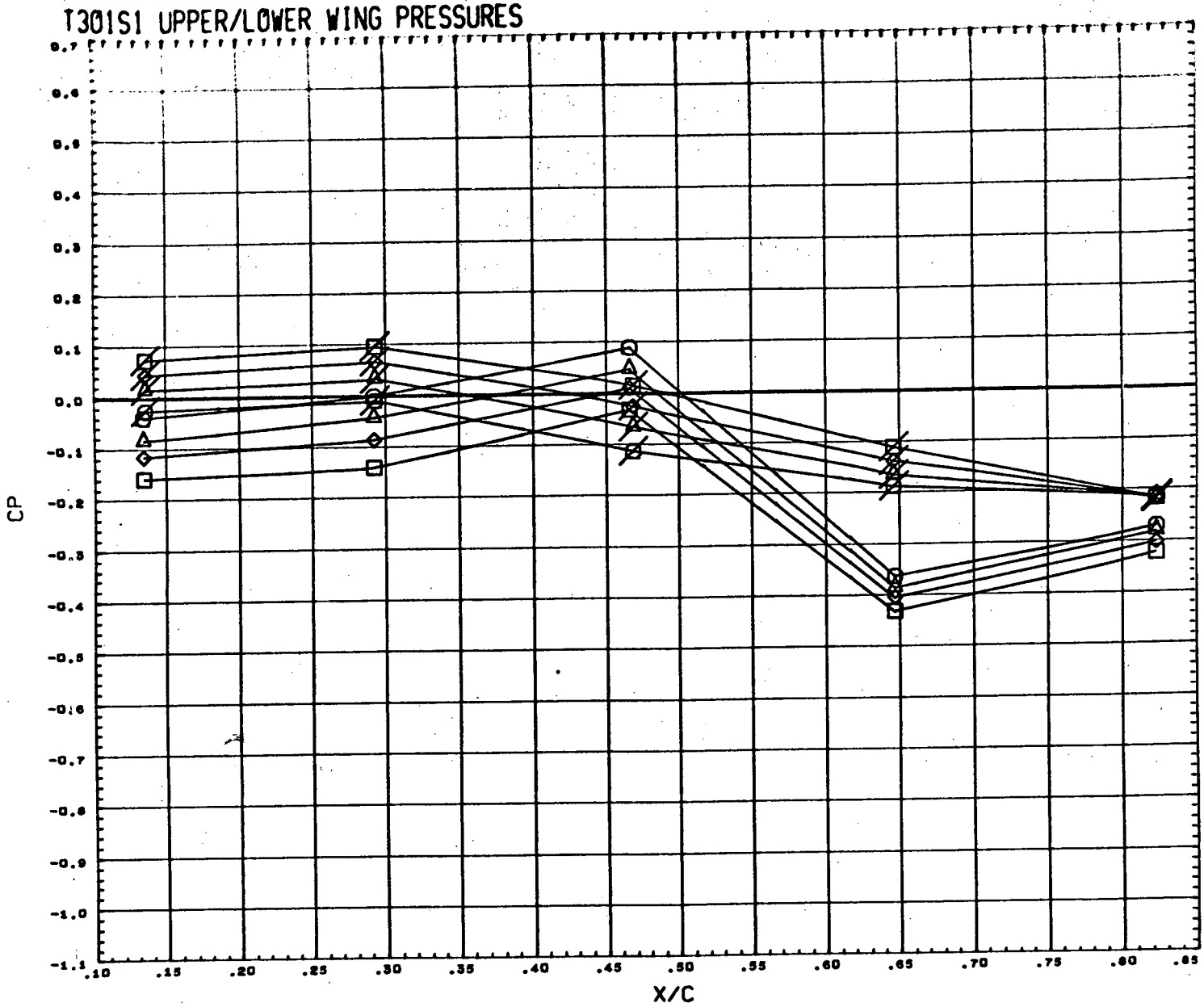
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.596
△	4.000		
◇	6.000		
□	8.000		

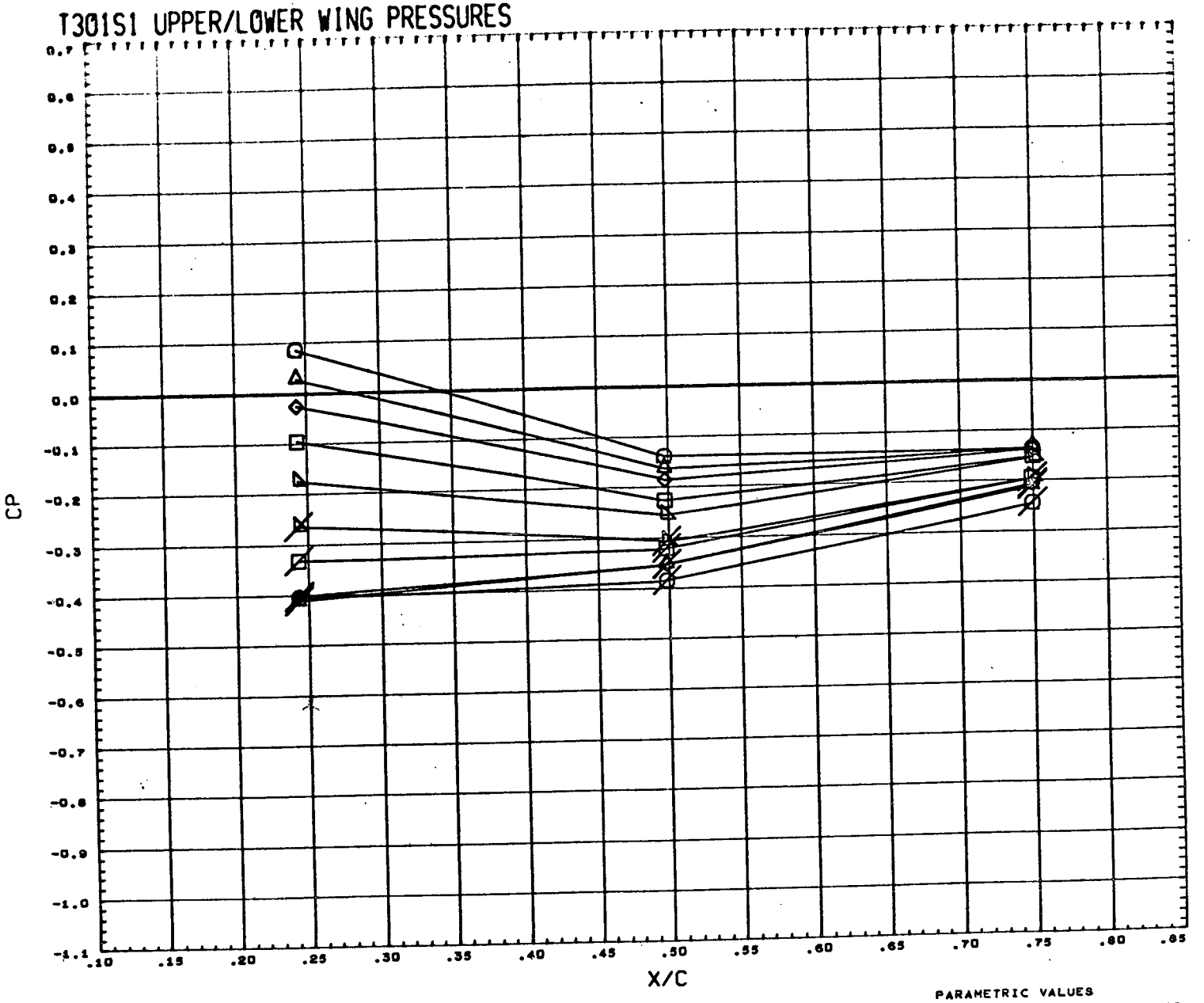
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.560	0.596
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

PARAMETRIC VALUES

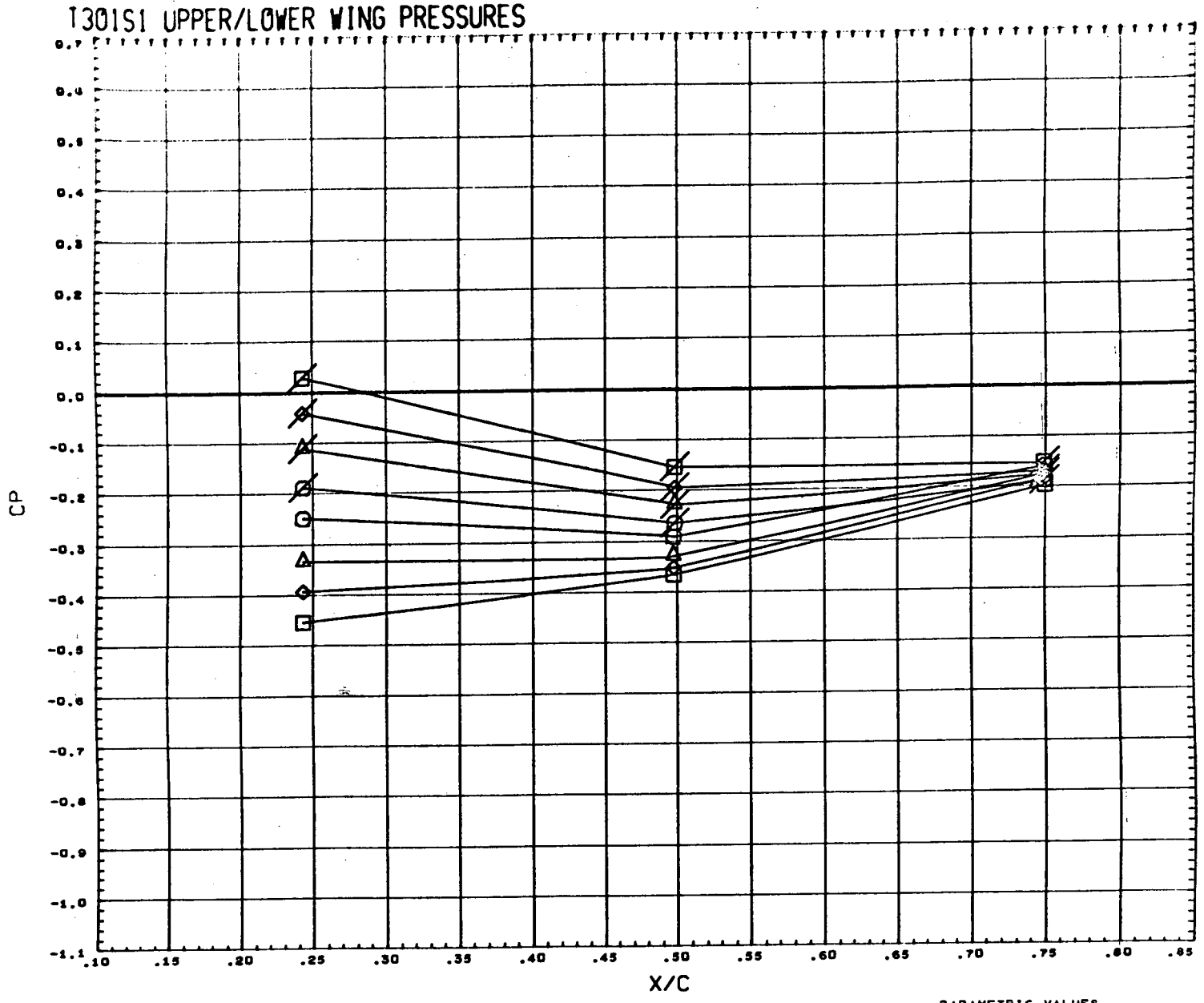
BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

C

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.596
△	4.000		
◇	6.000		
□	8.000		

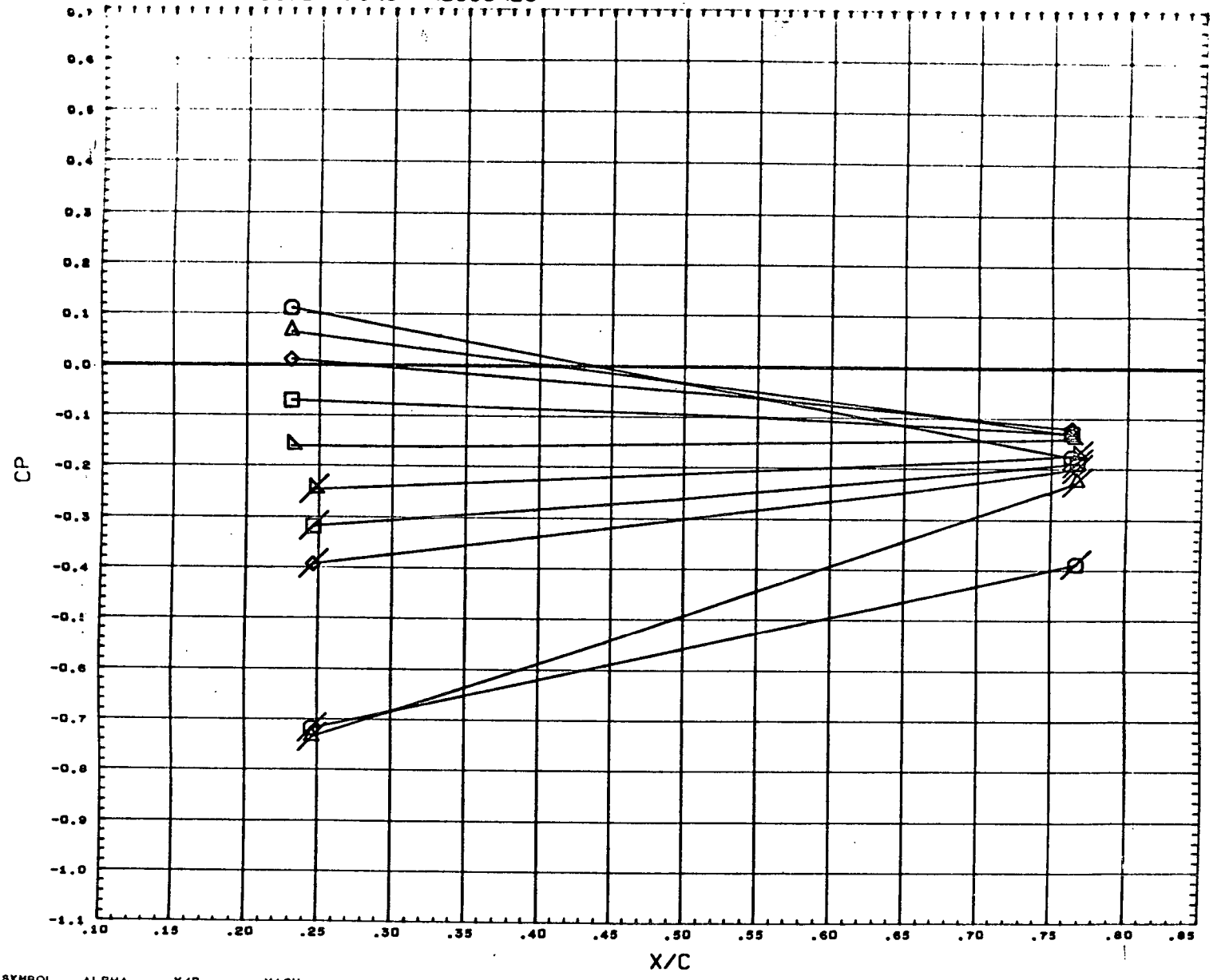
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.596
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

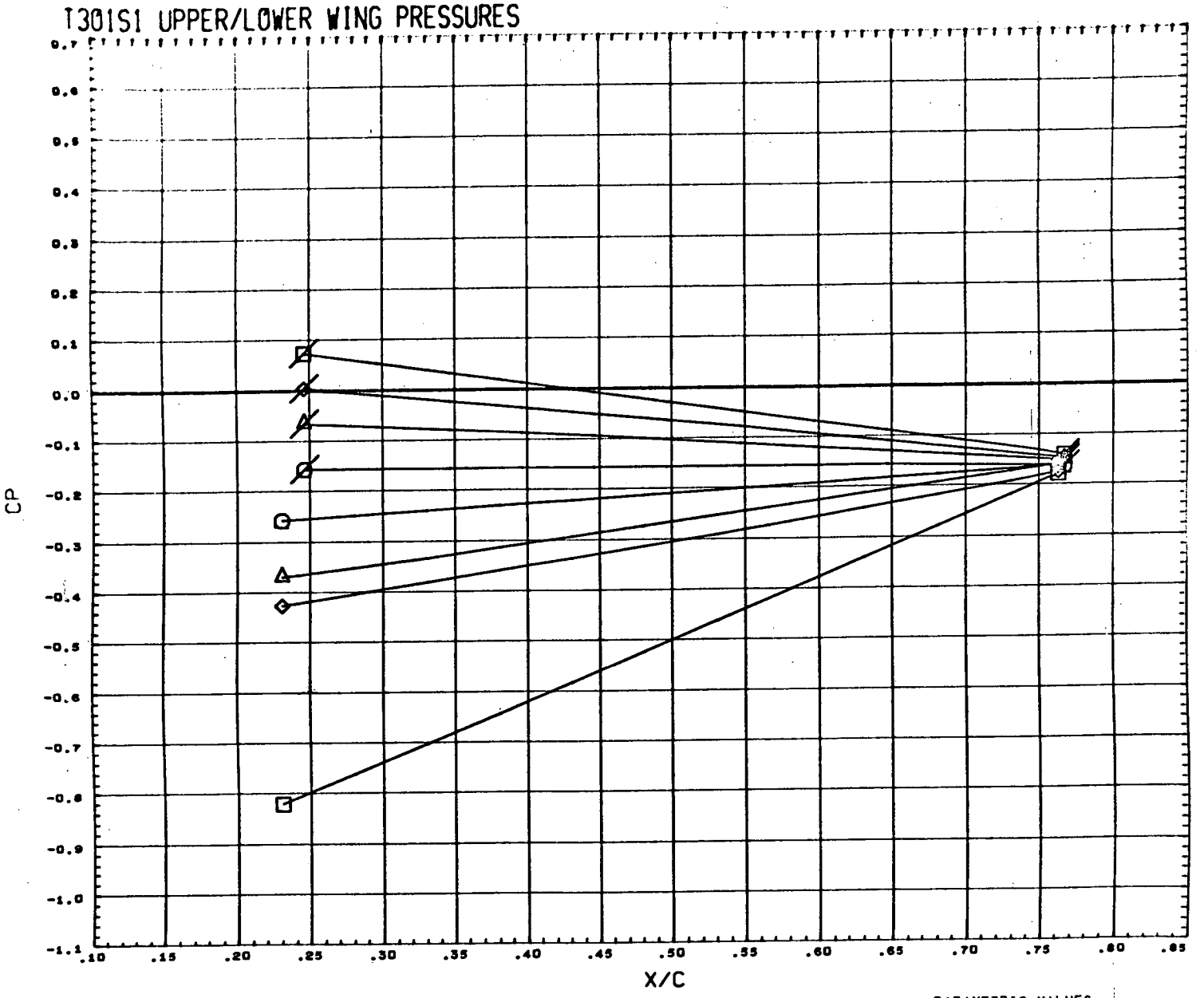
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.596
△	4.000		
◇	6.000		
□	8.000		

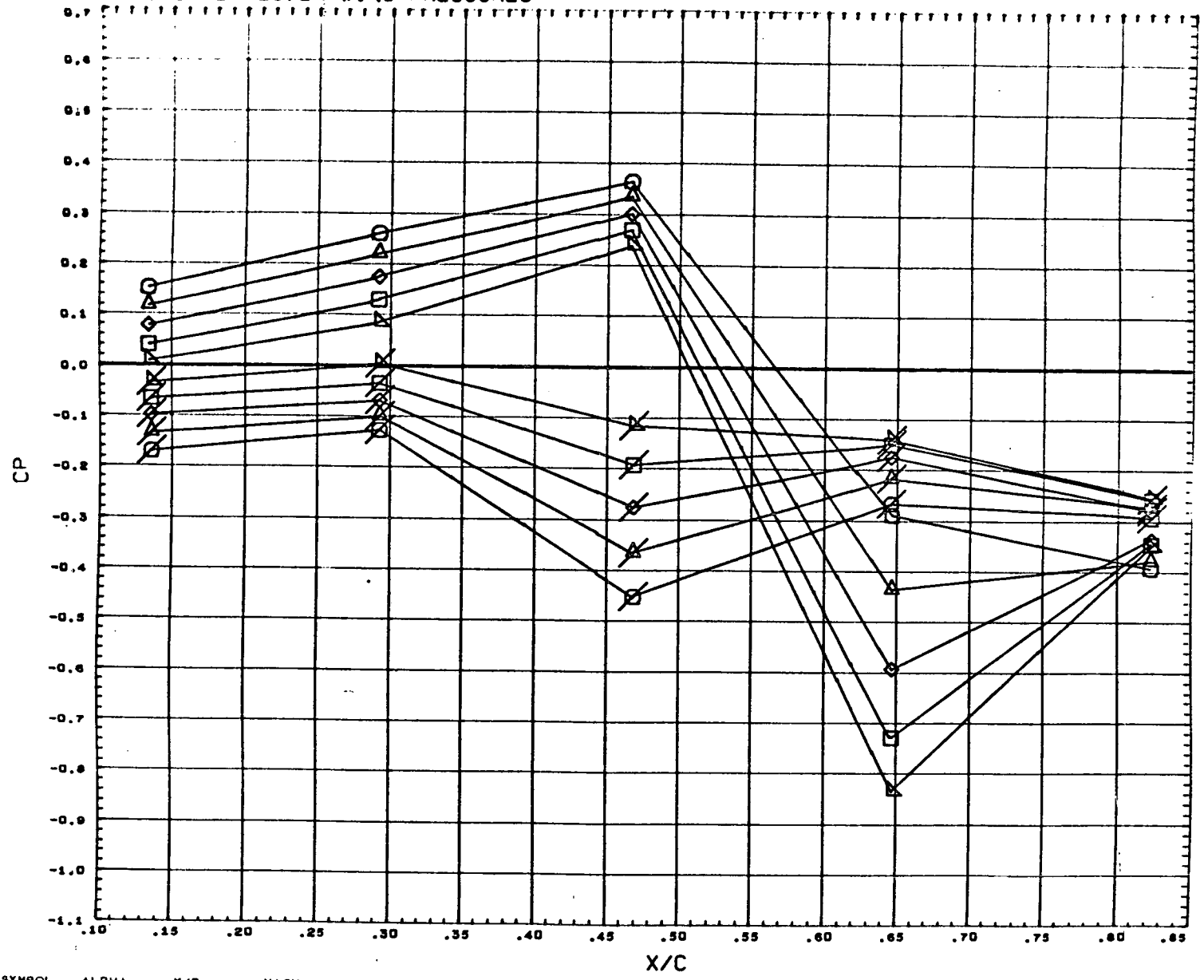
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	0.899
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

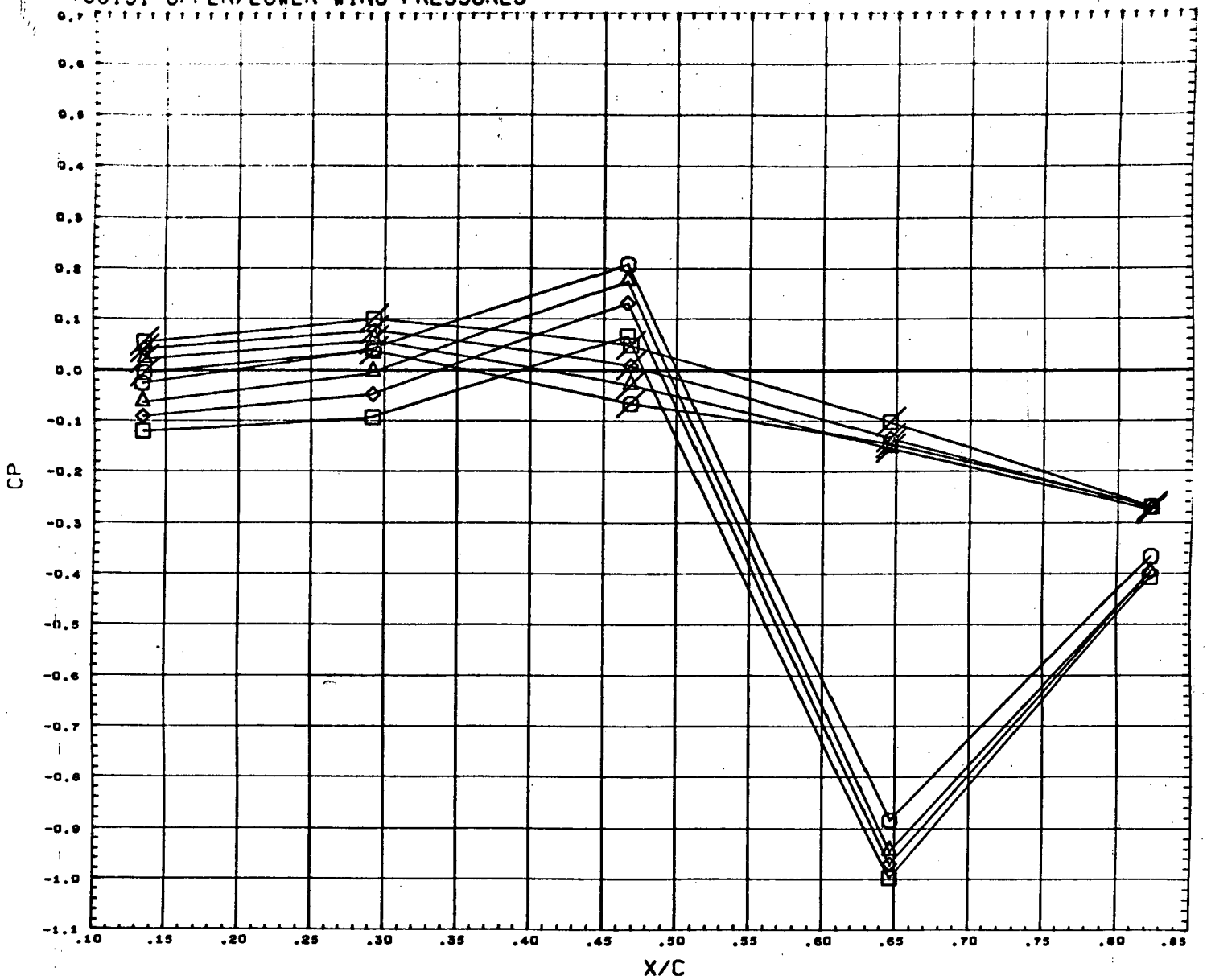
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.899
△	4.000		
◇	6.000		
□	8.000		

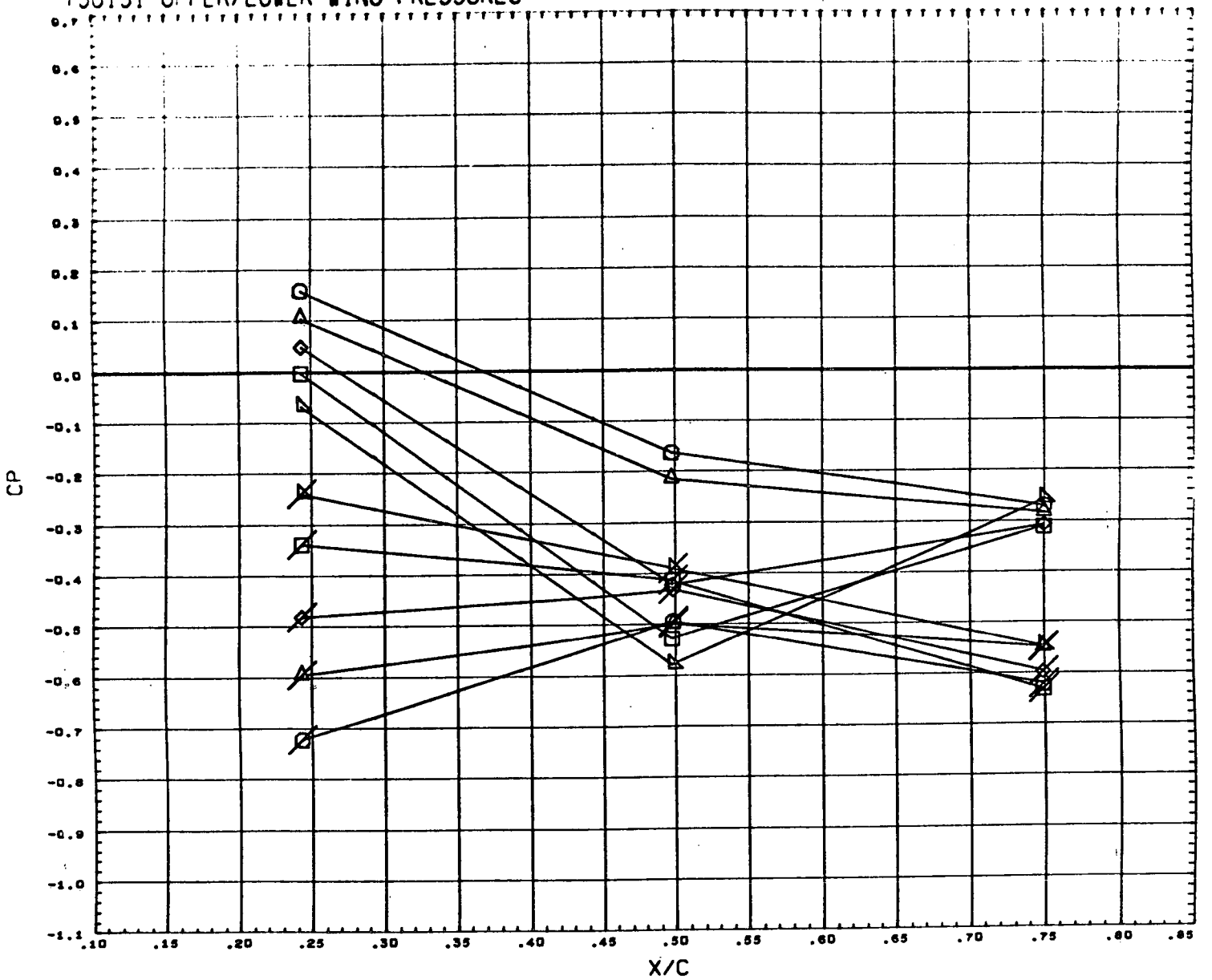
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.899
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

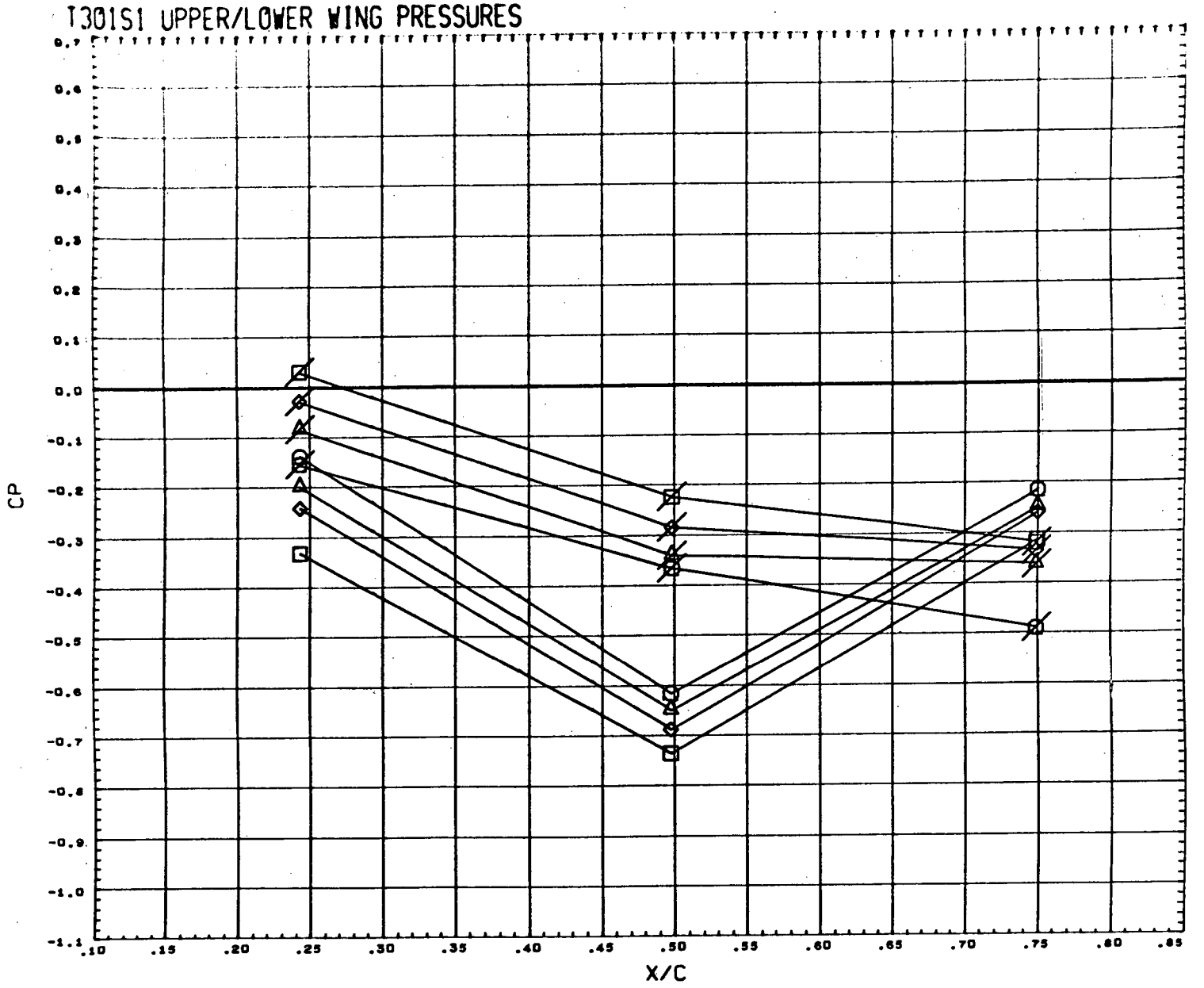
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(873024)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.899
△	4.000		
◇	6.000		
□	8.000		

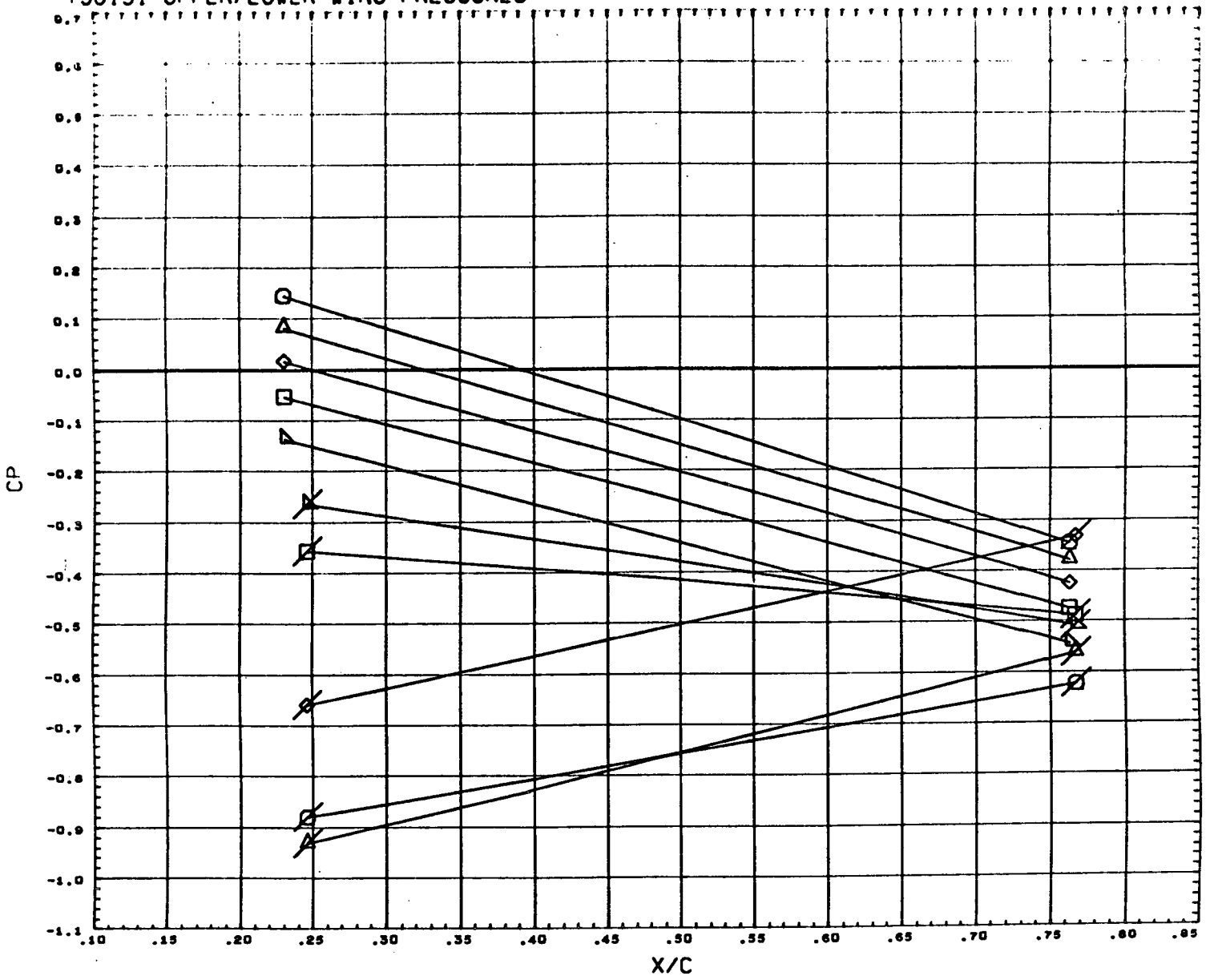
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
	8.000	0.845	0.899
	6.000		
	4.000		
	2.000		
	0.000		

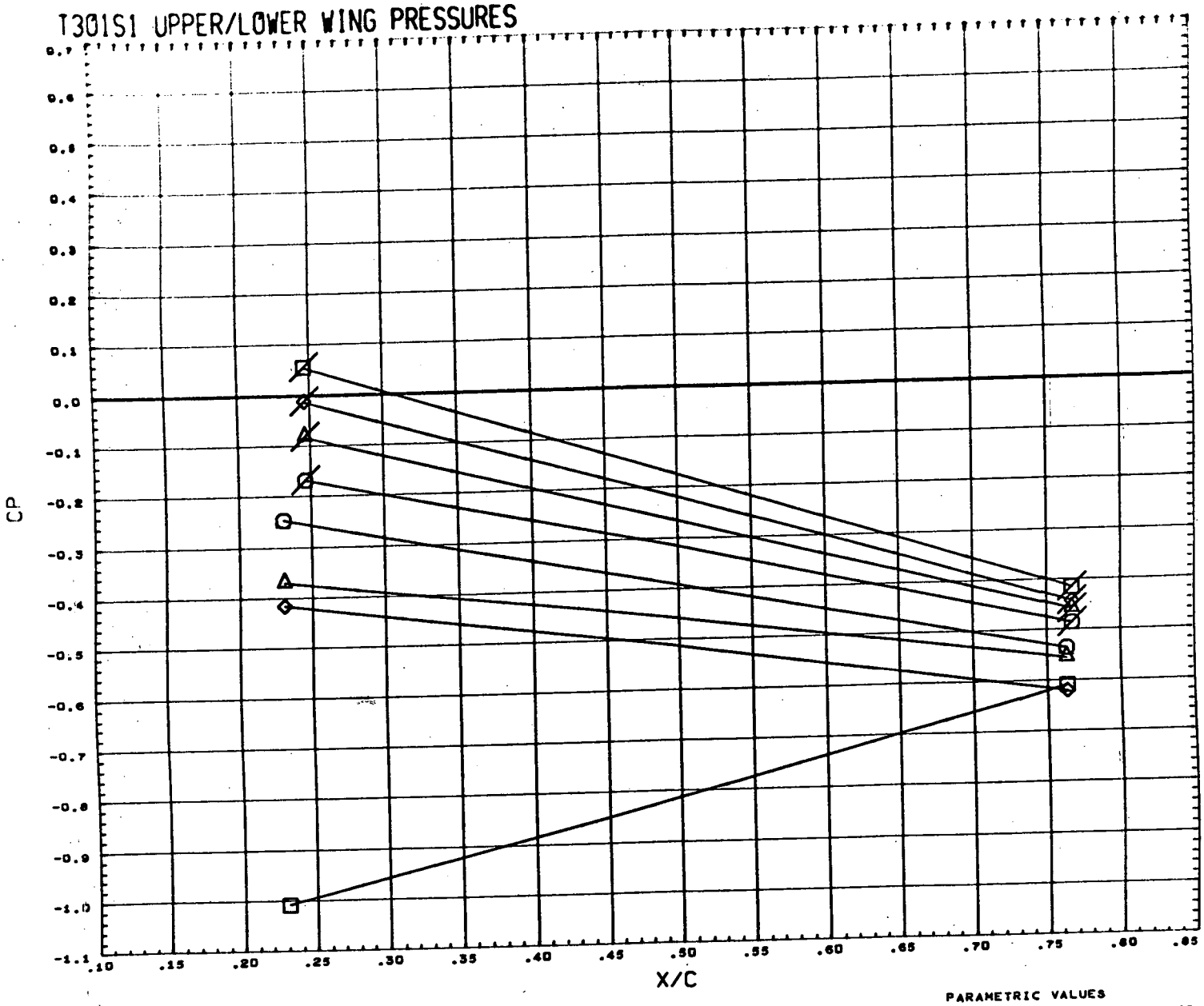
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.899
△	4.000		
◇	6.000		
□	8.000		

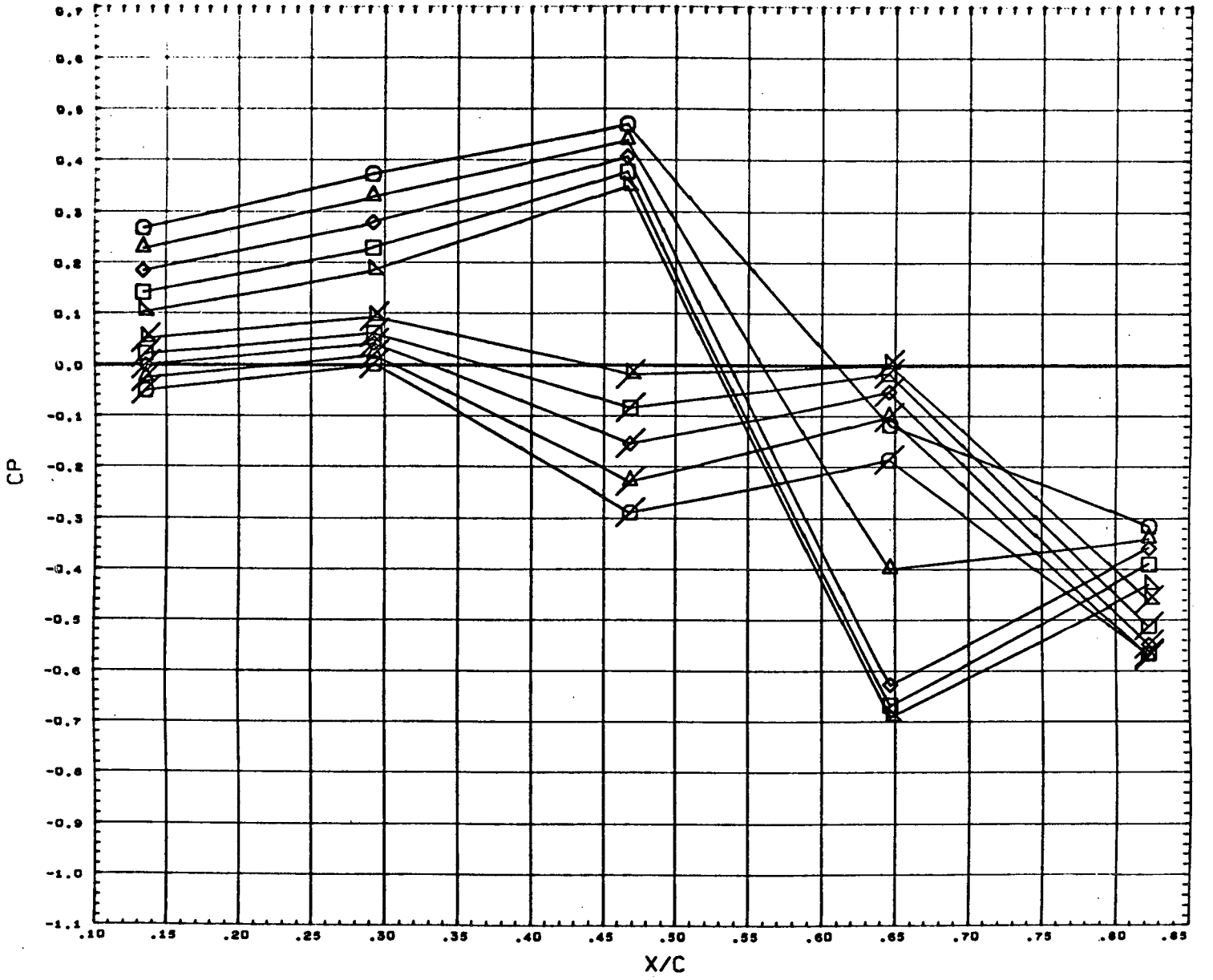
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



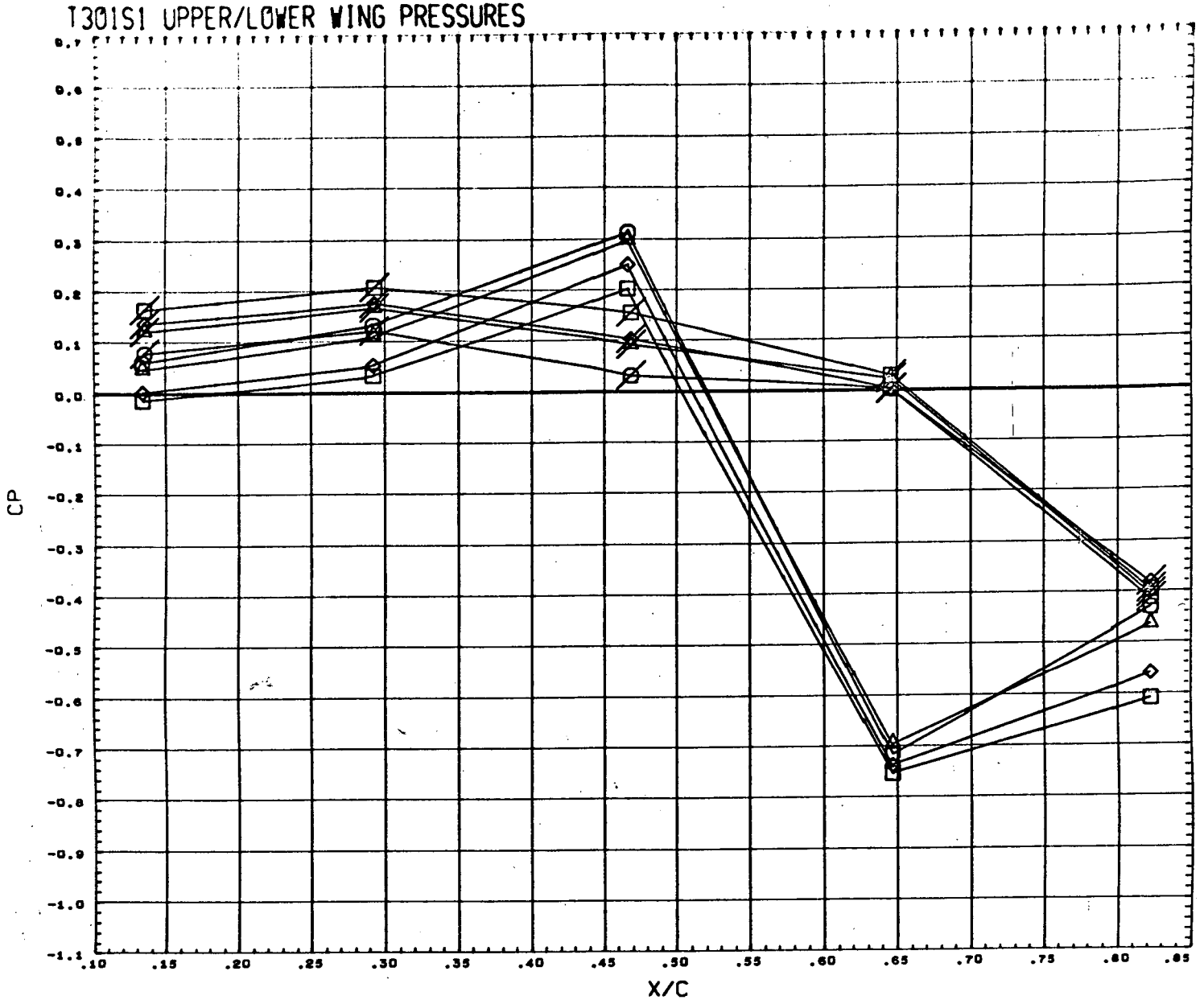
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	0.999
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.999
△	4.000		
◇	6.000		
□	8.000		

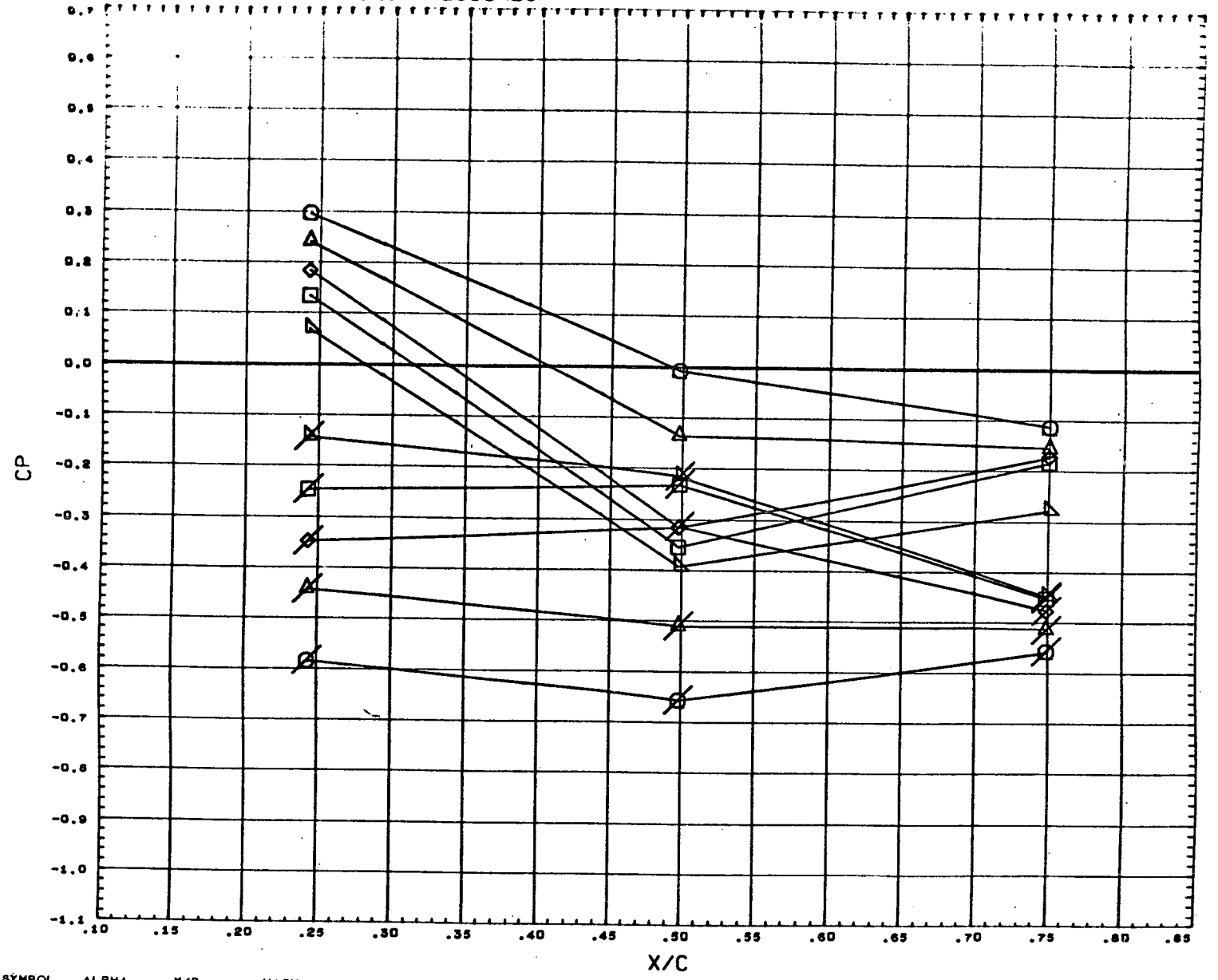
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.999
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

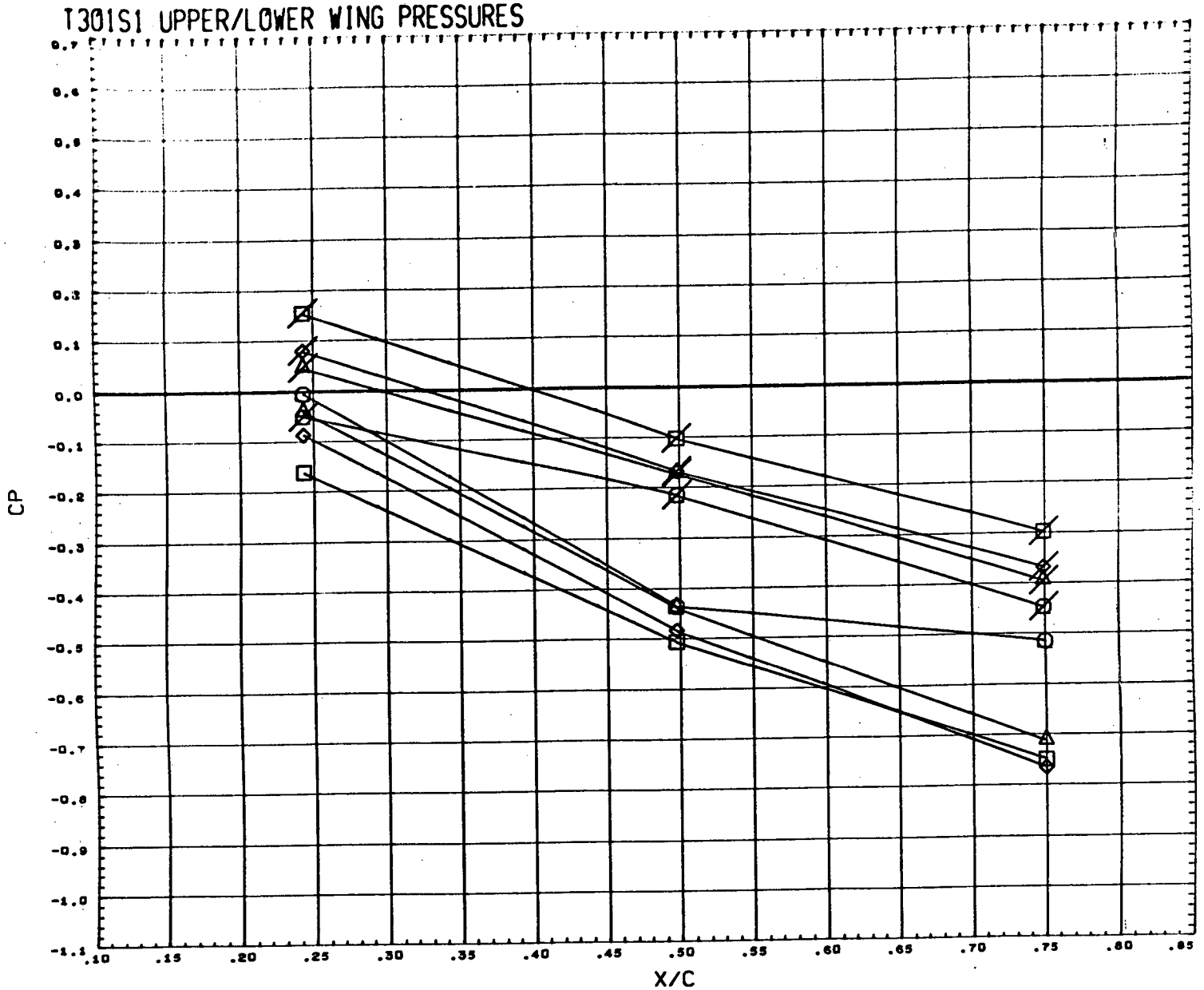
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.999
△	4.000		
◇	6.000		
□	8.000		

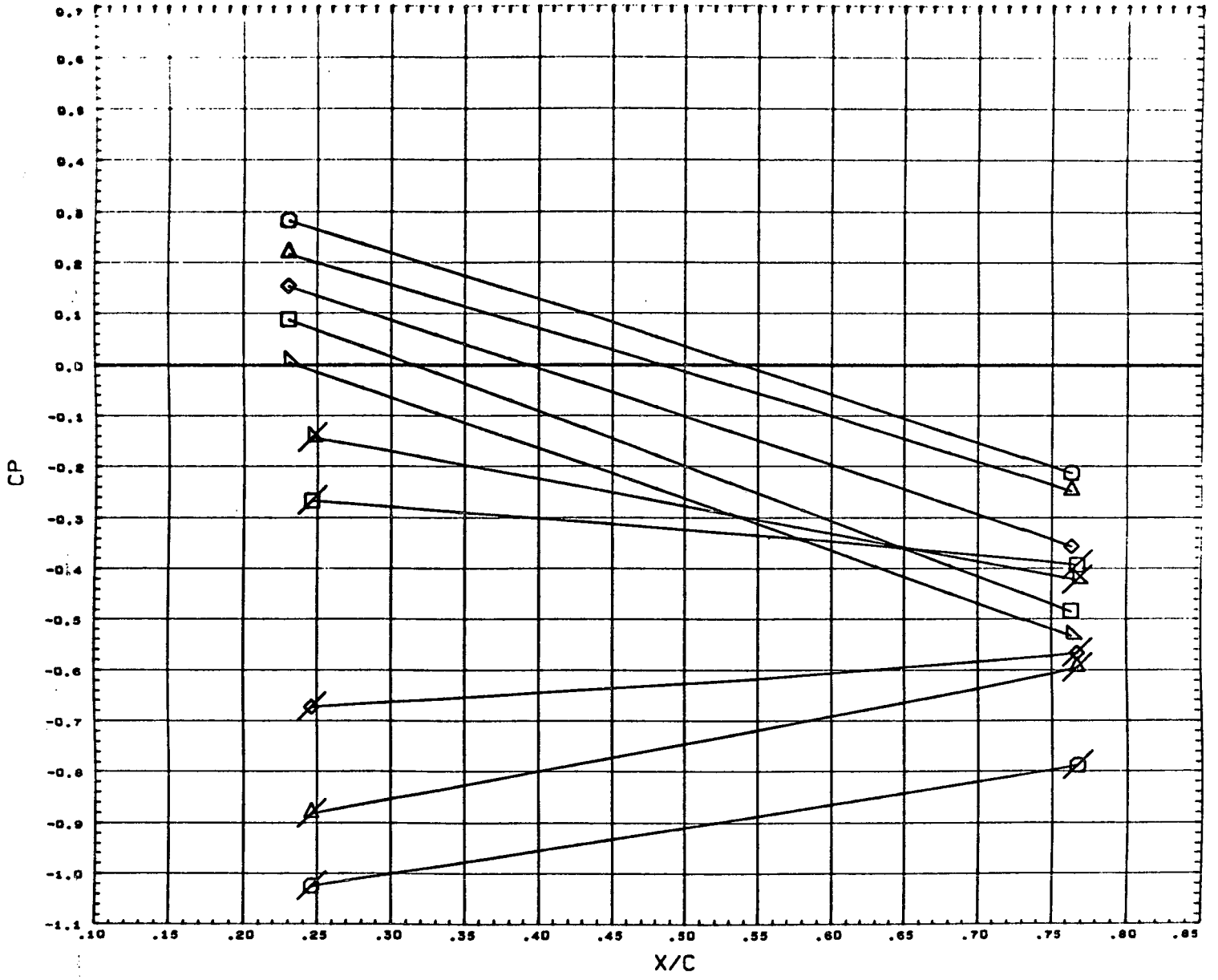
PARAMETRIC VALUES

BETA 0.000 ORBINC -. 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	0.999
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

PARAMETRIC VALUES

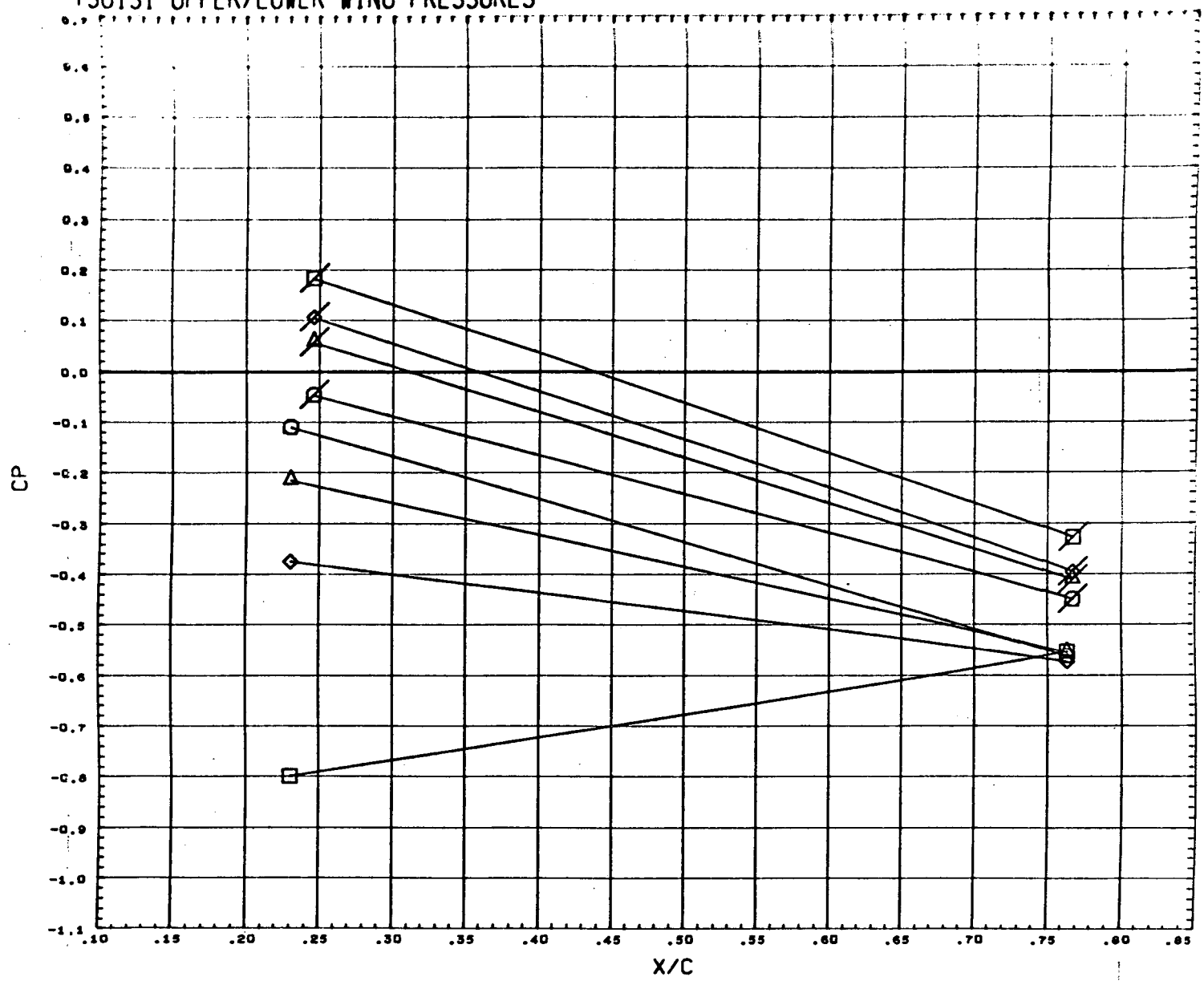
BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

C8

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	0.999
△	4.000		
◇	6.000		
□	8.000		

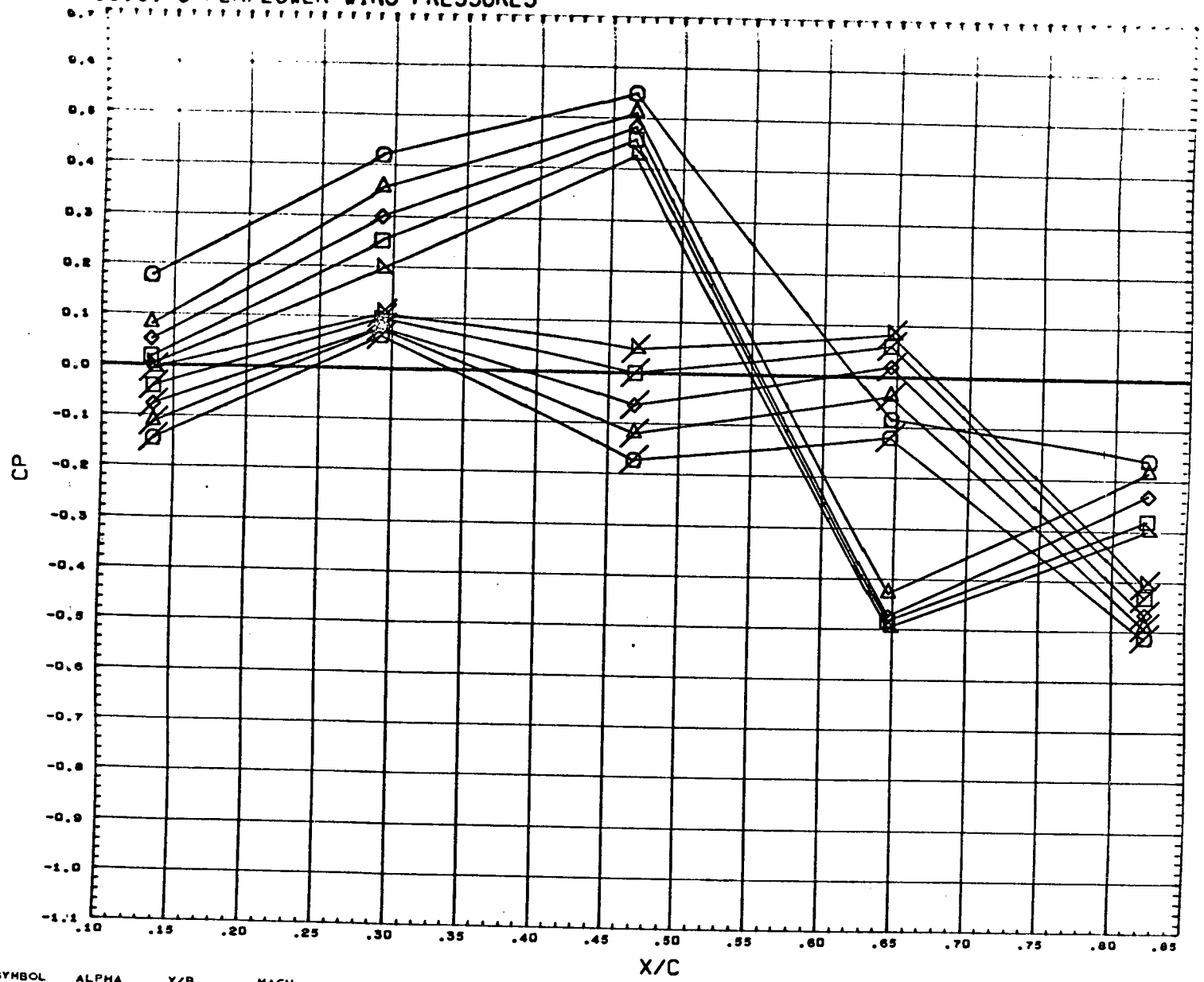
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.101
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

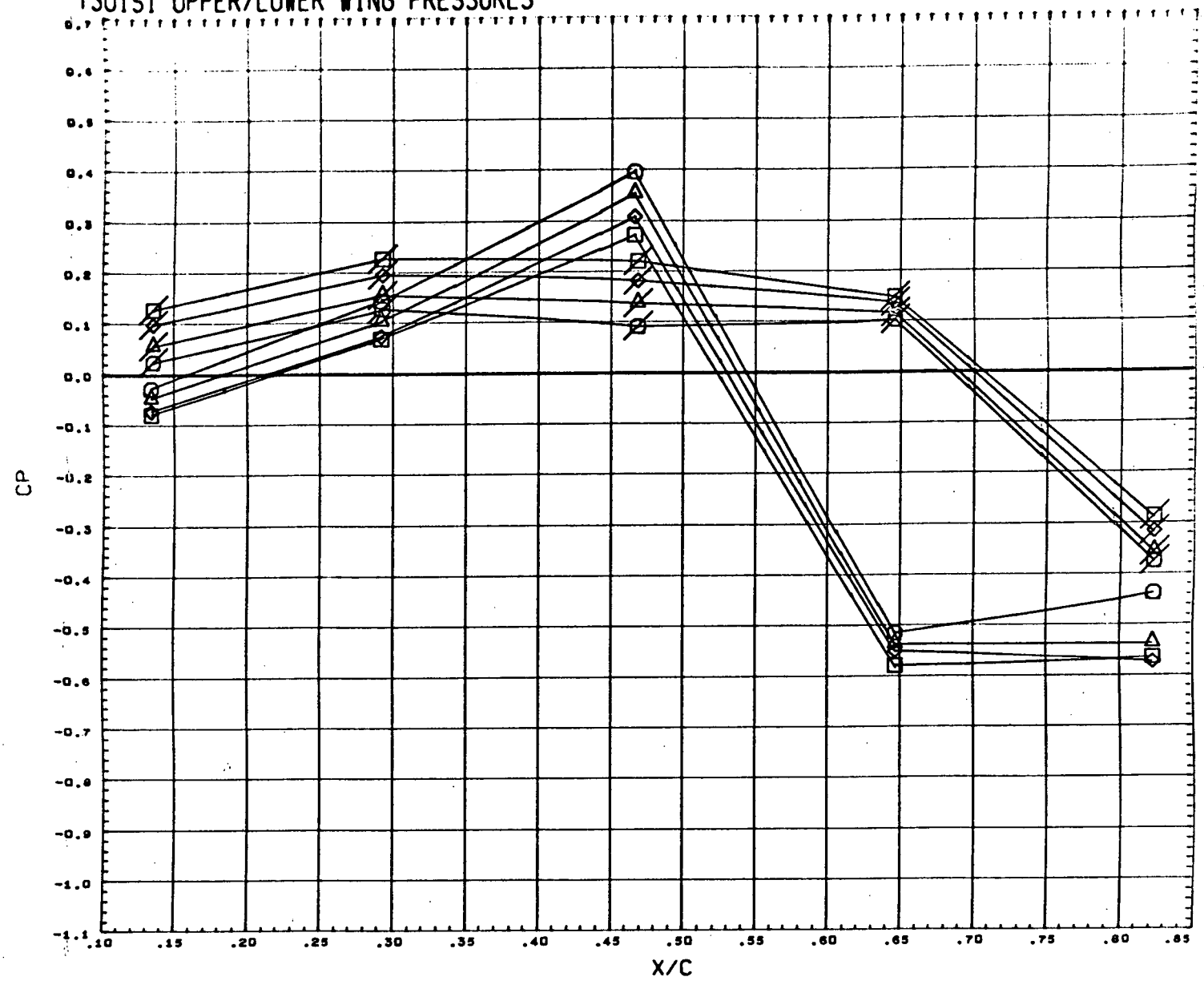
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.101
△	4.000		
◇	6.000		
□	8.000		

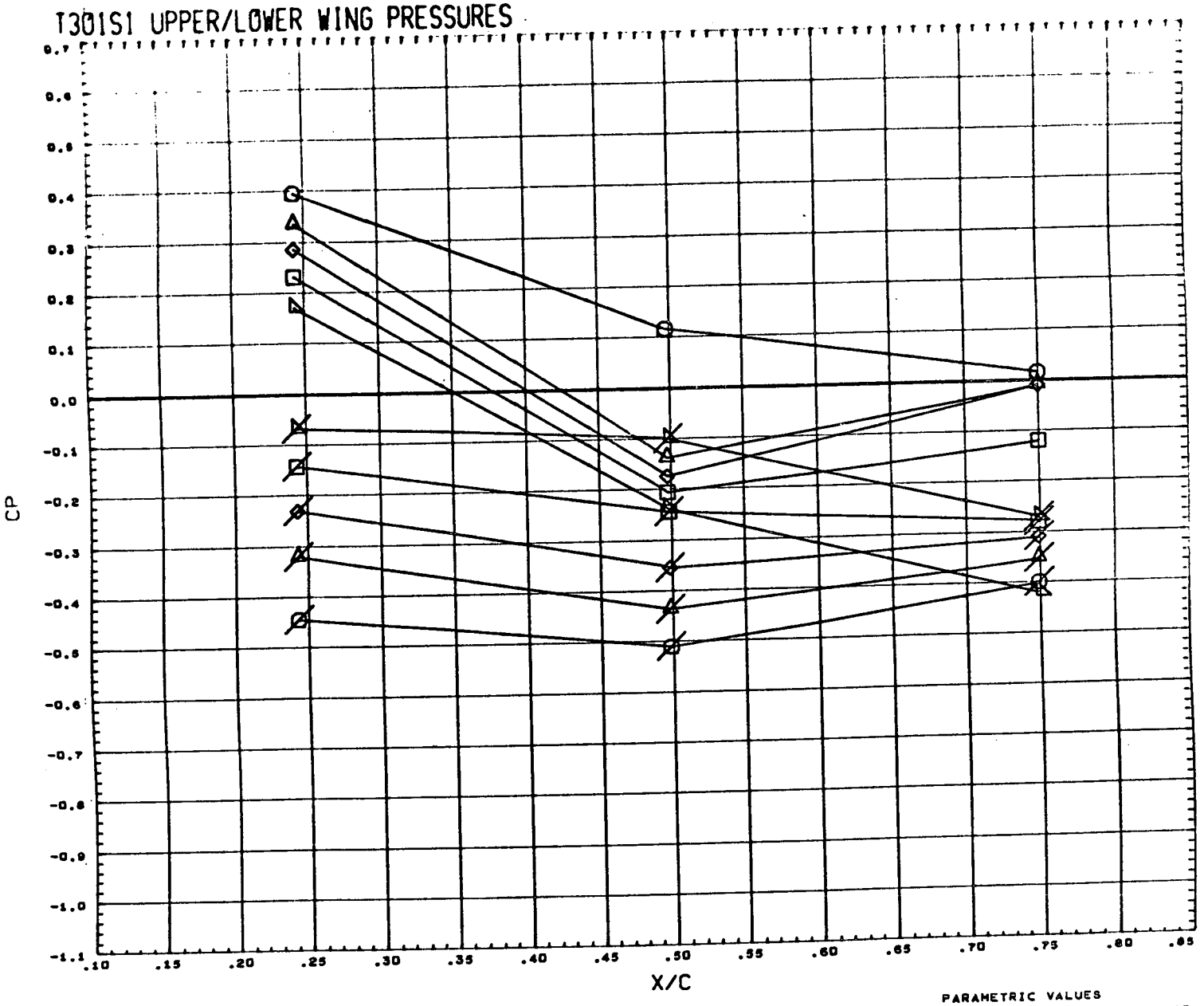
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



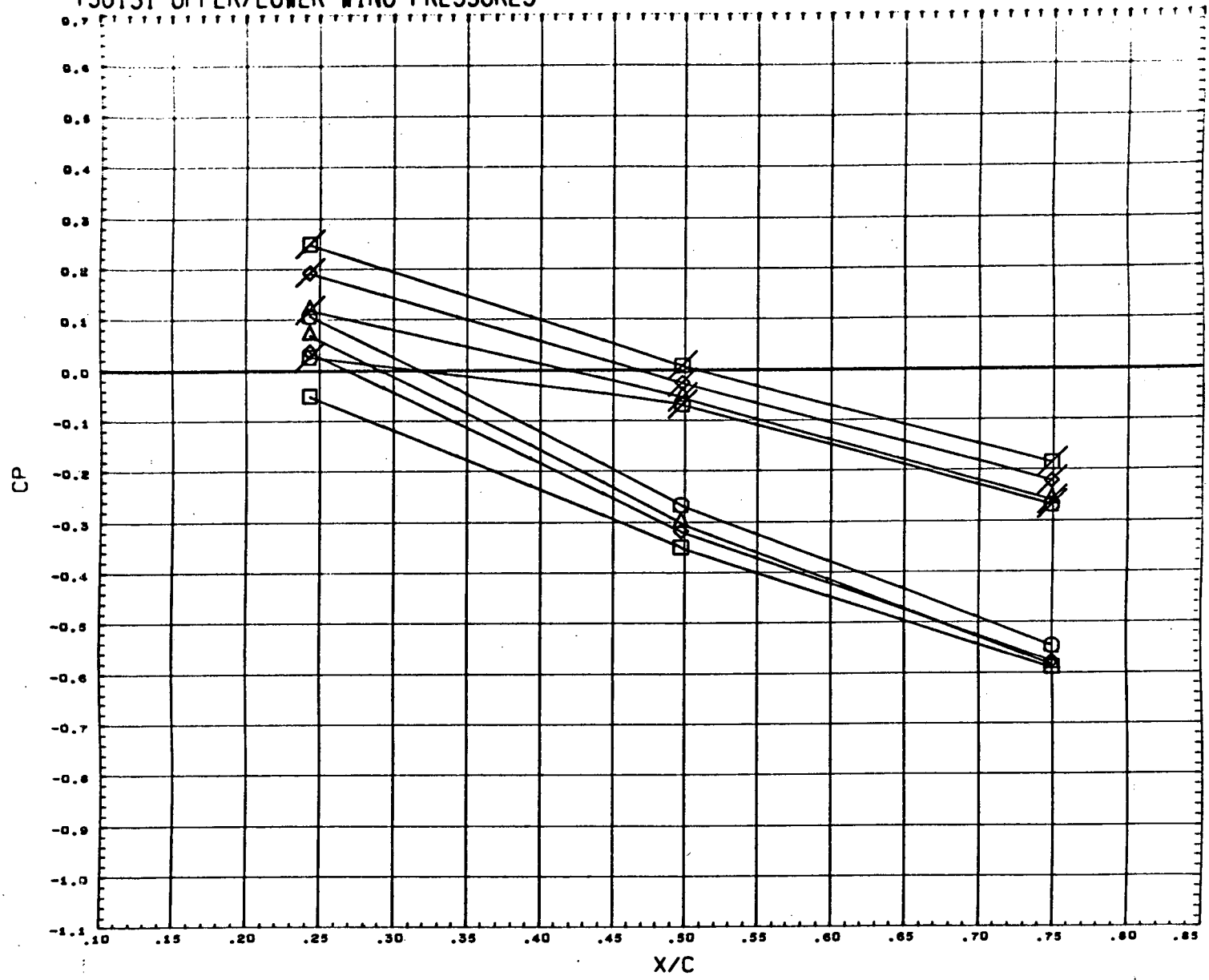
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.101
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500
PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.101
△	4.000		
◇	6.000		
□	8.000		

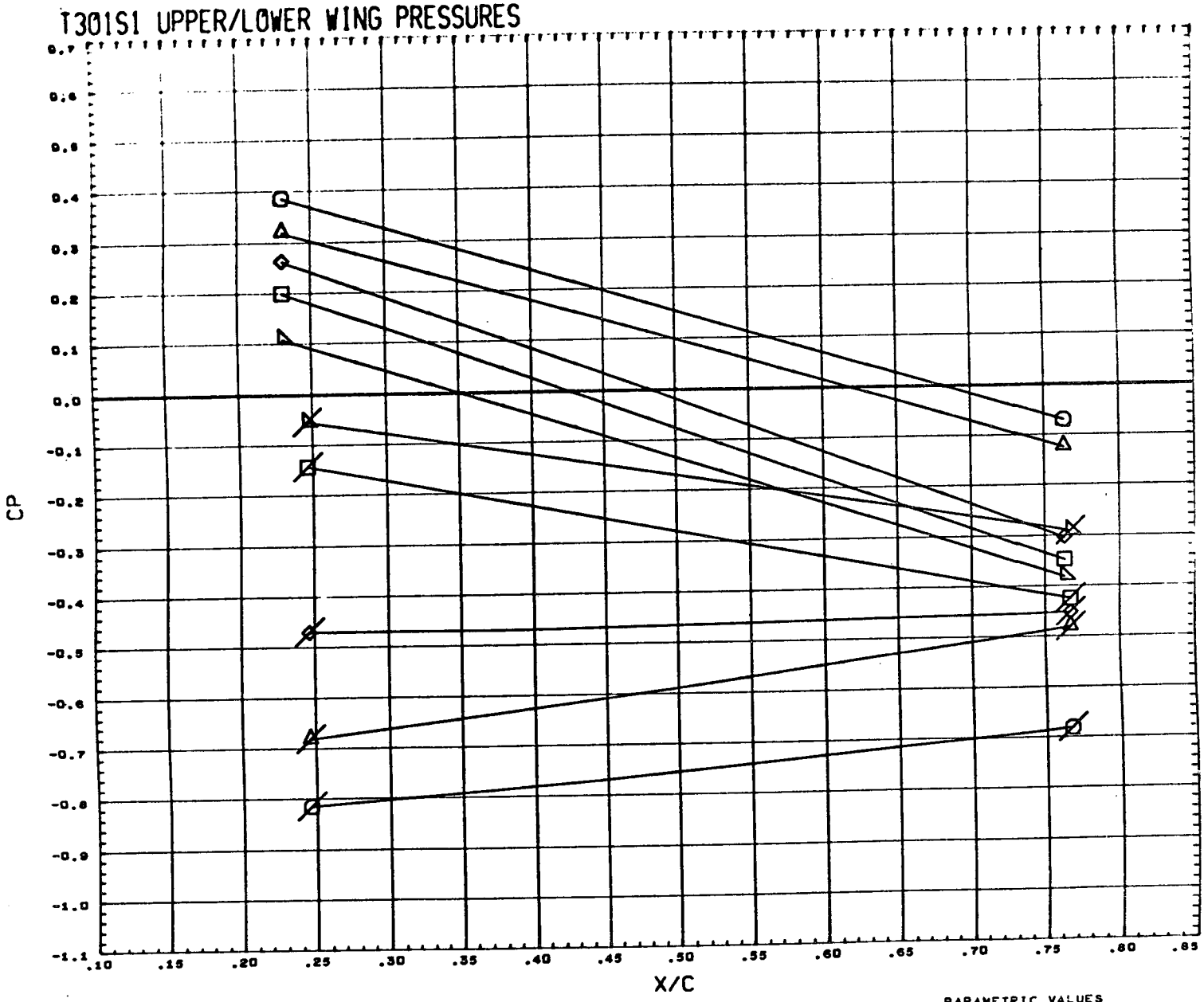
PARAMETRIC VALUES

BETA . 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.101
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

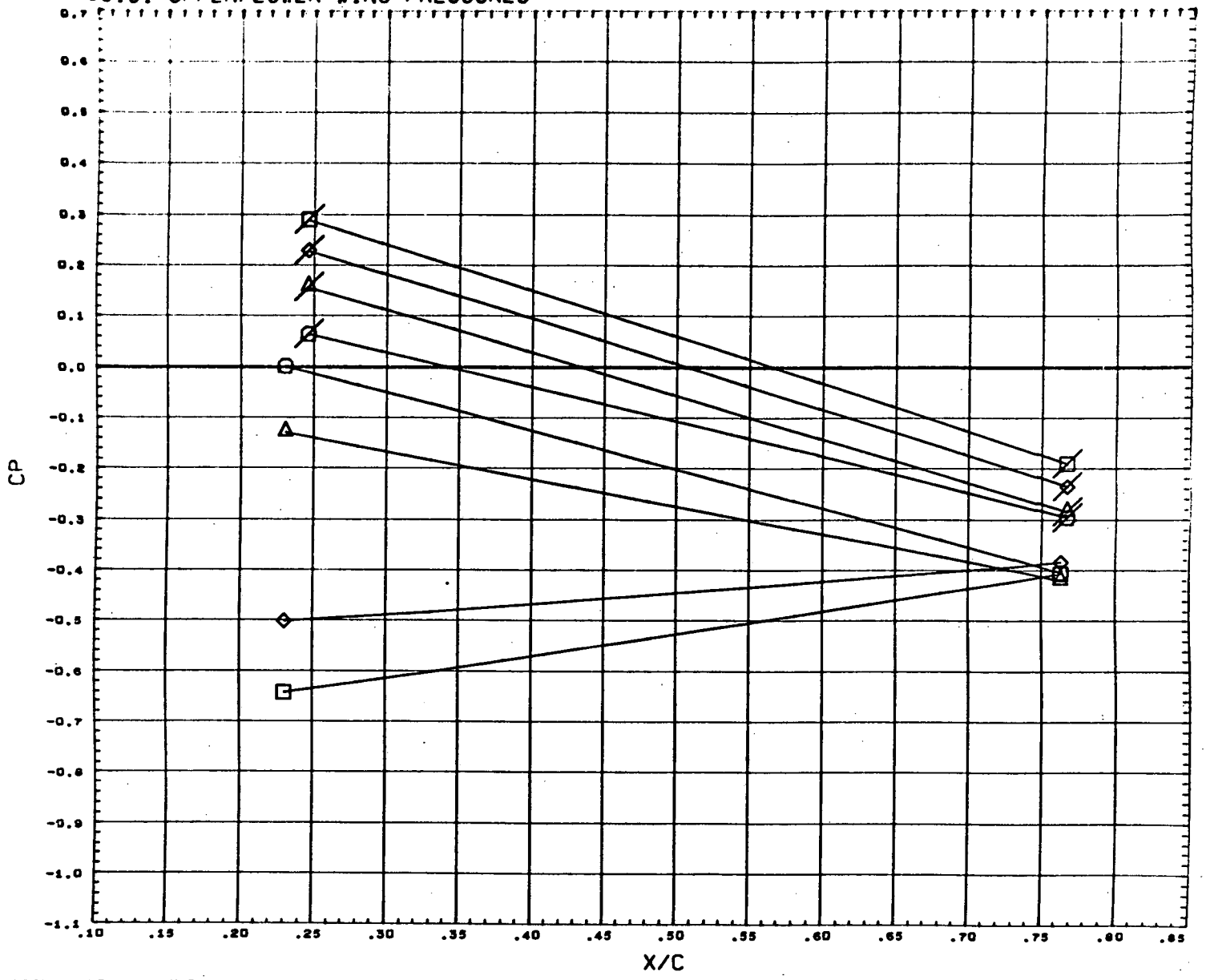
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.101
△	4.000		
◇	6.000		
□	8.000		

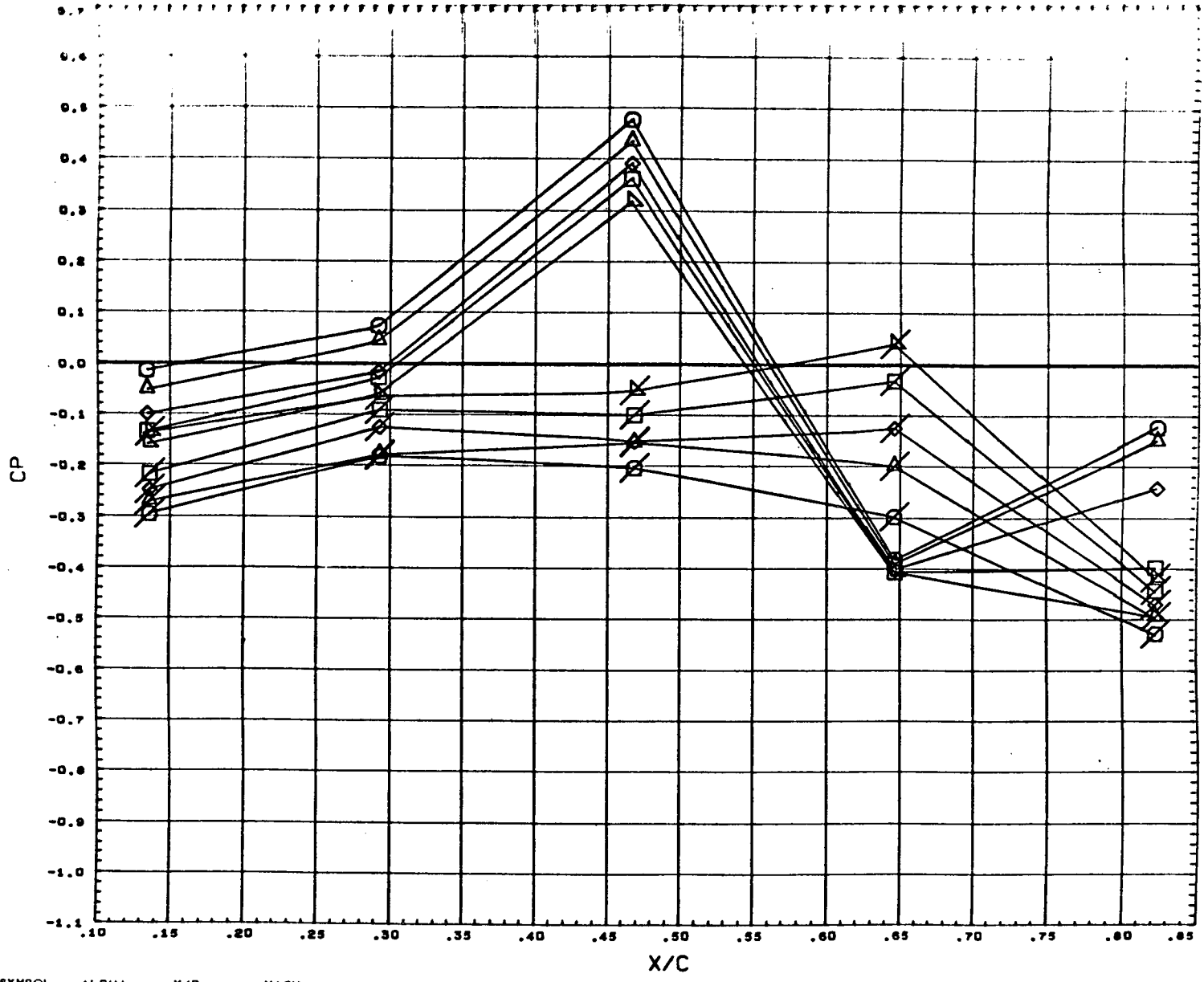
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.200
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↖	0.000		

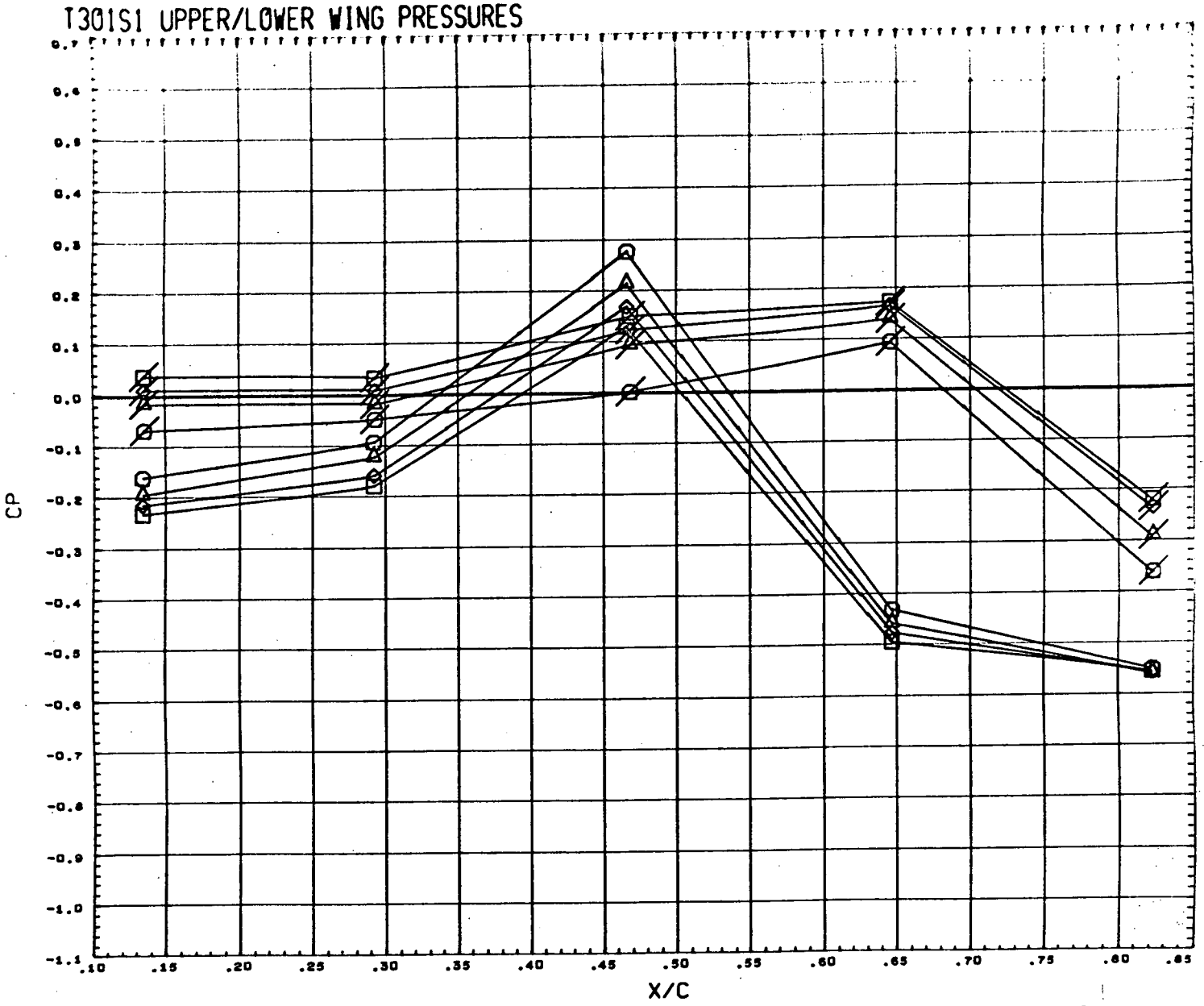
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.200
△	4.000		
◇	6.000		
□	8.000		

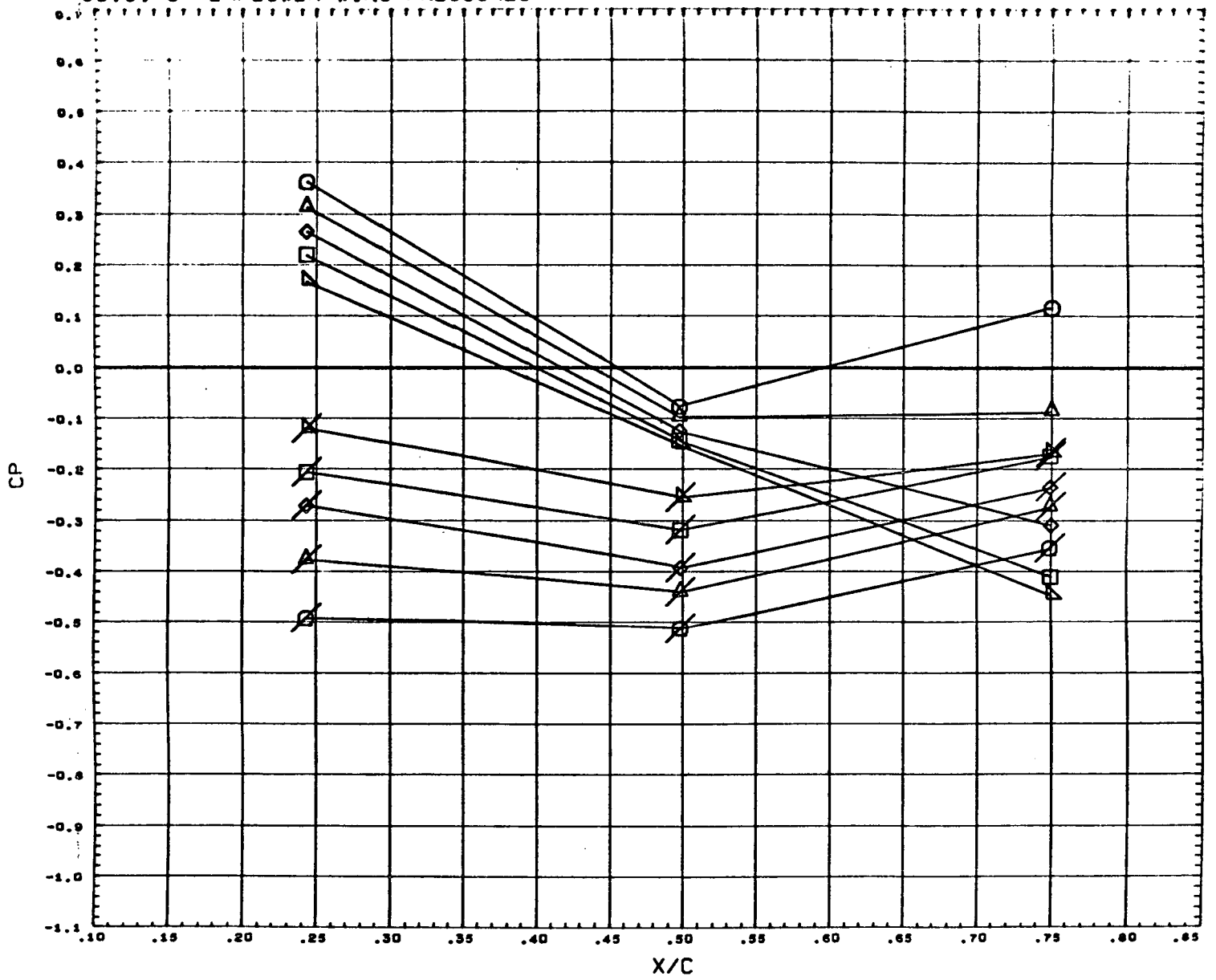
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.200
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

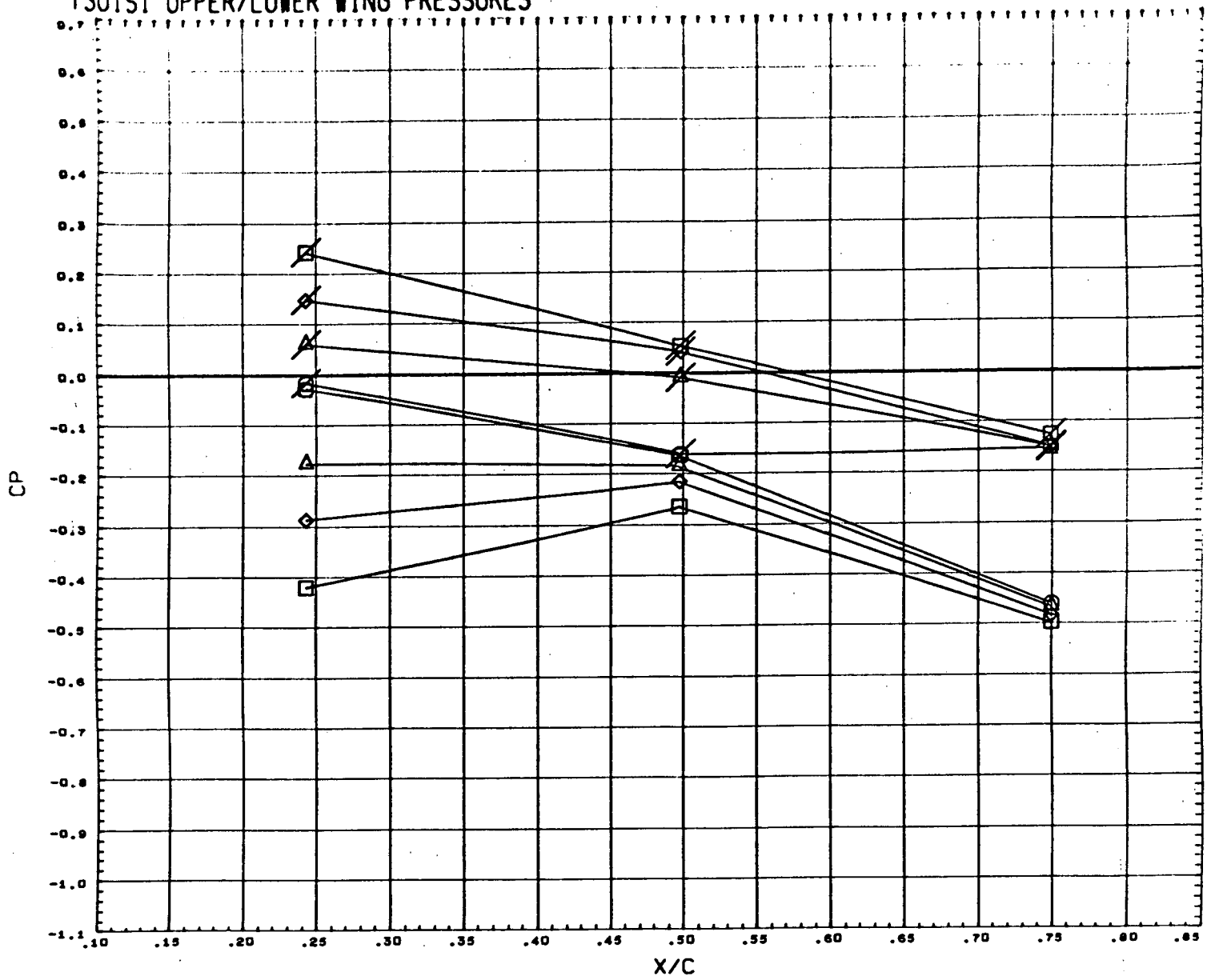
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.200
△	4.000		
◇	6.000		
□	8.000		

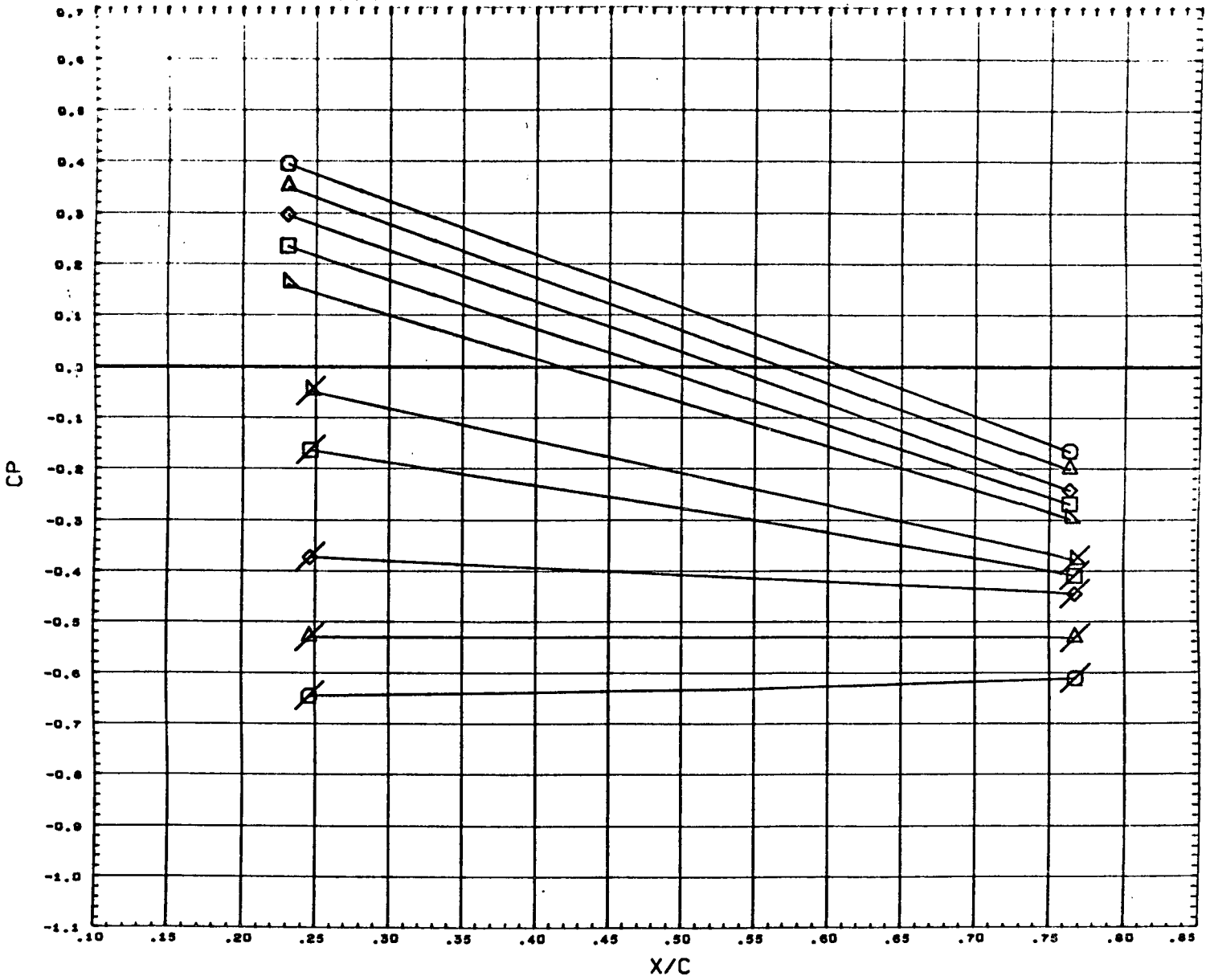
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.200
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

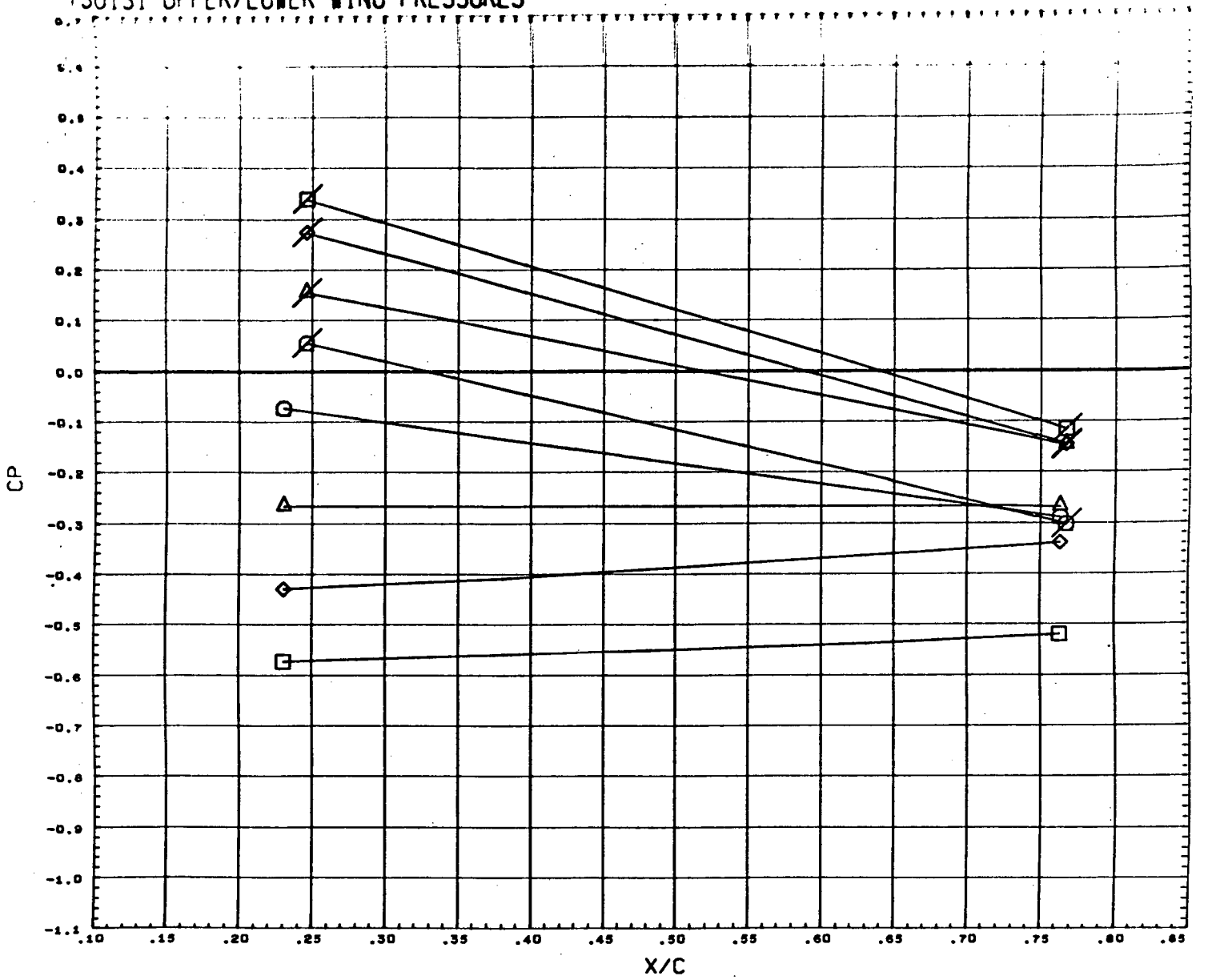
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT.550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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△	4.000		
◇	6.000		
□	8.000		

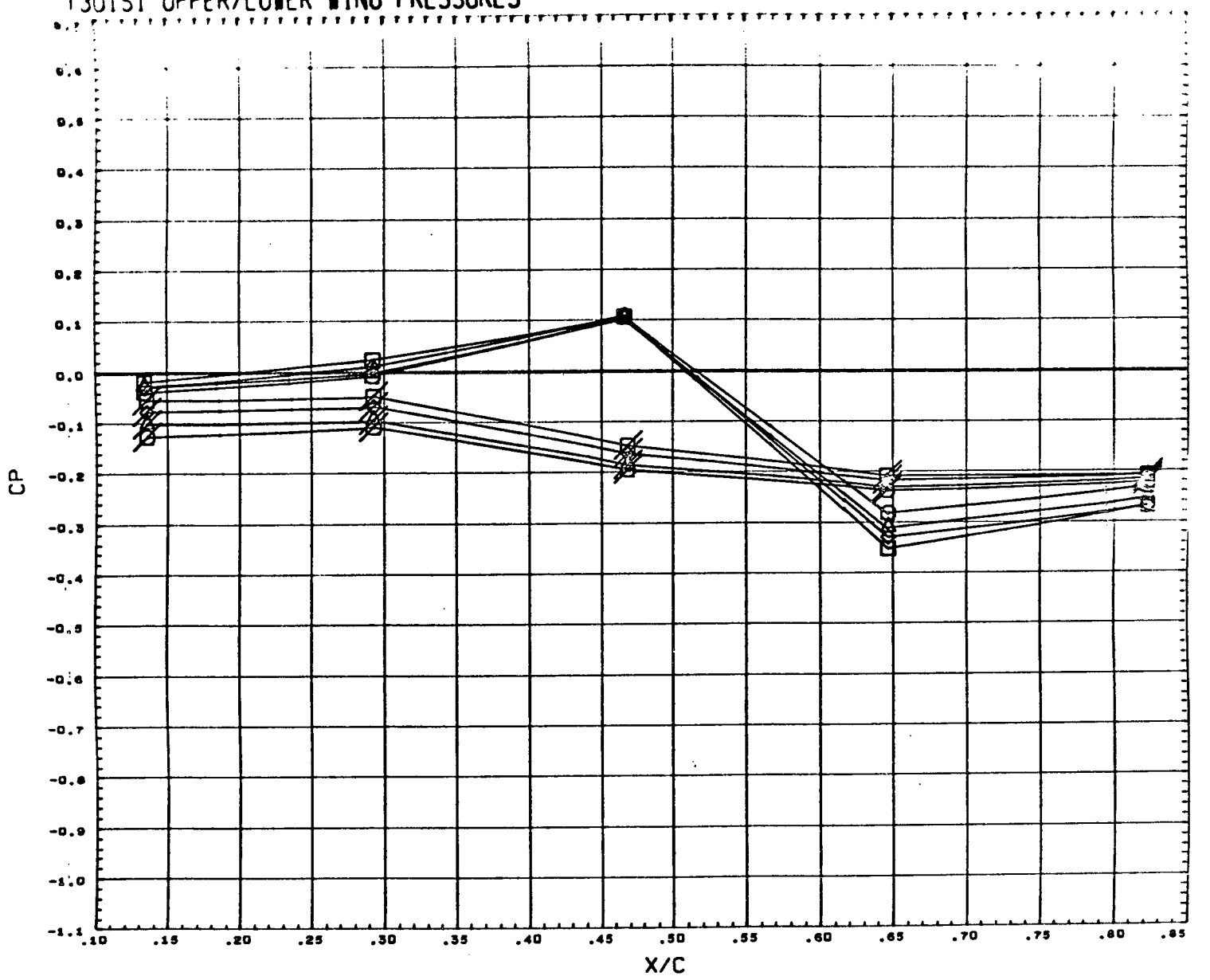
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73025)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73025)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.596
△	- 4.000		
◇	- 2.000		
□	0.000		

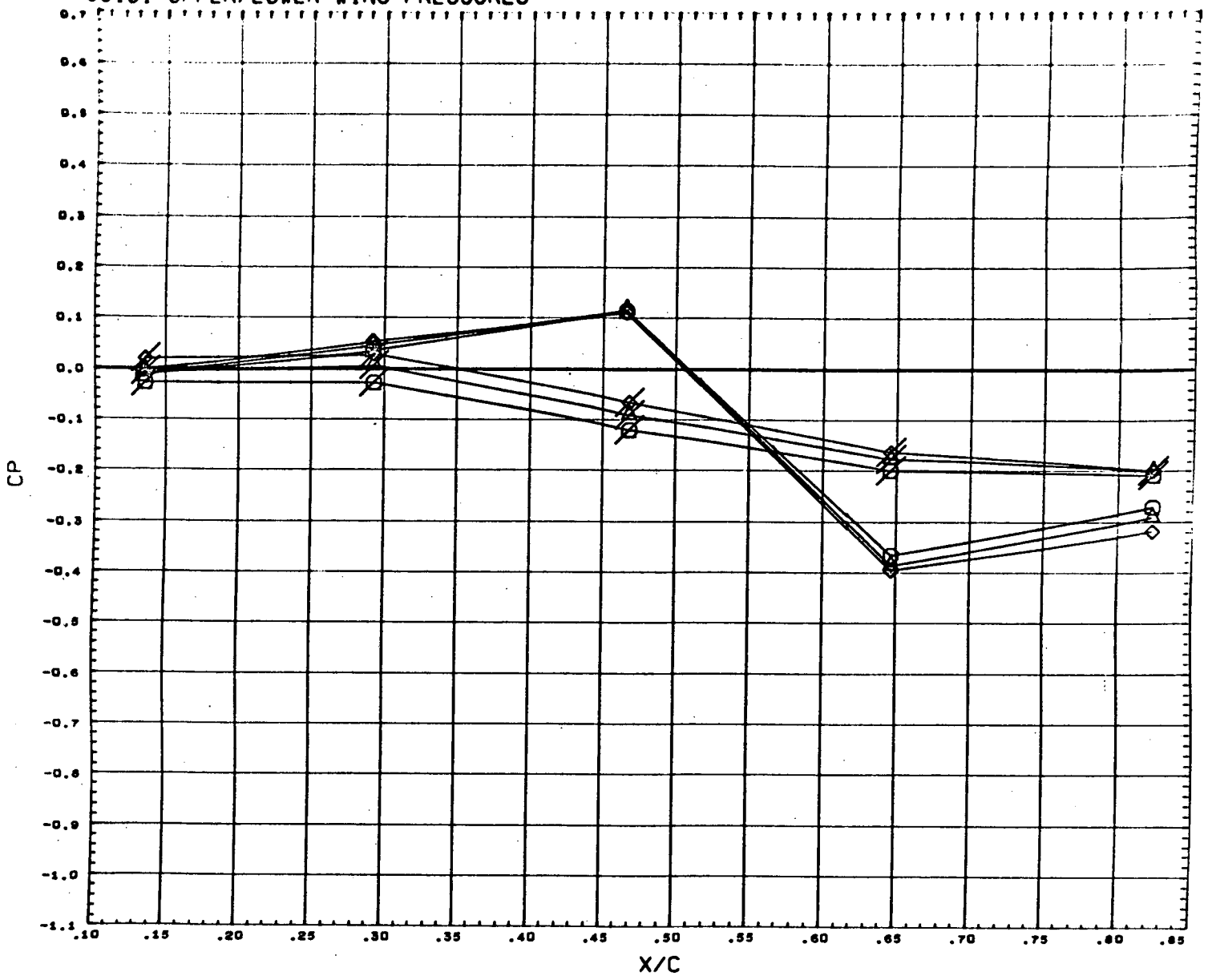
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.596
△	4.000		
◇	6.000		

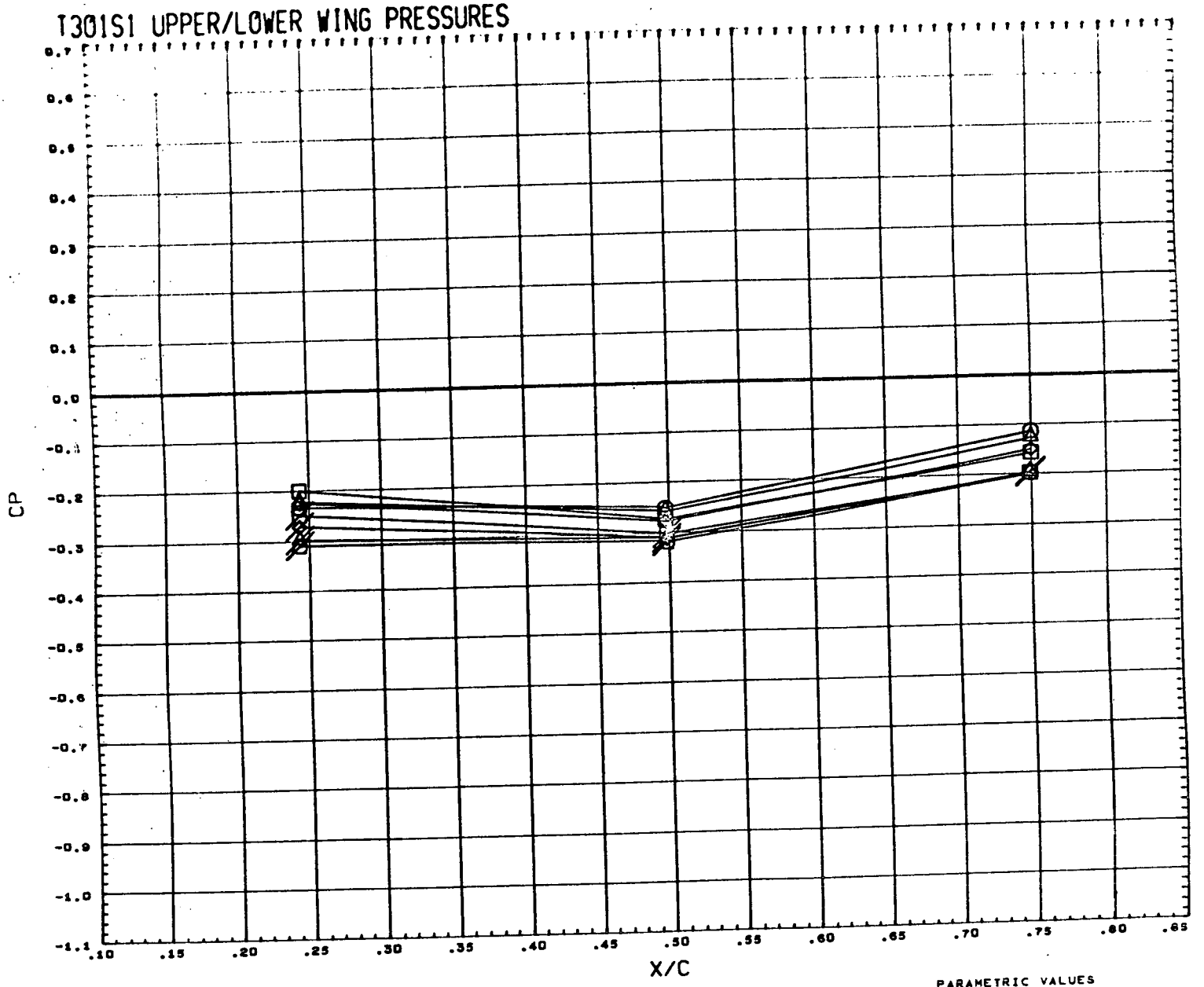
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	0.596
△	4.000		
◇	2.000		
□	0.000		

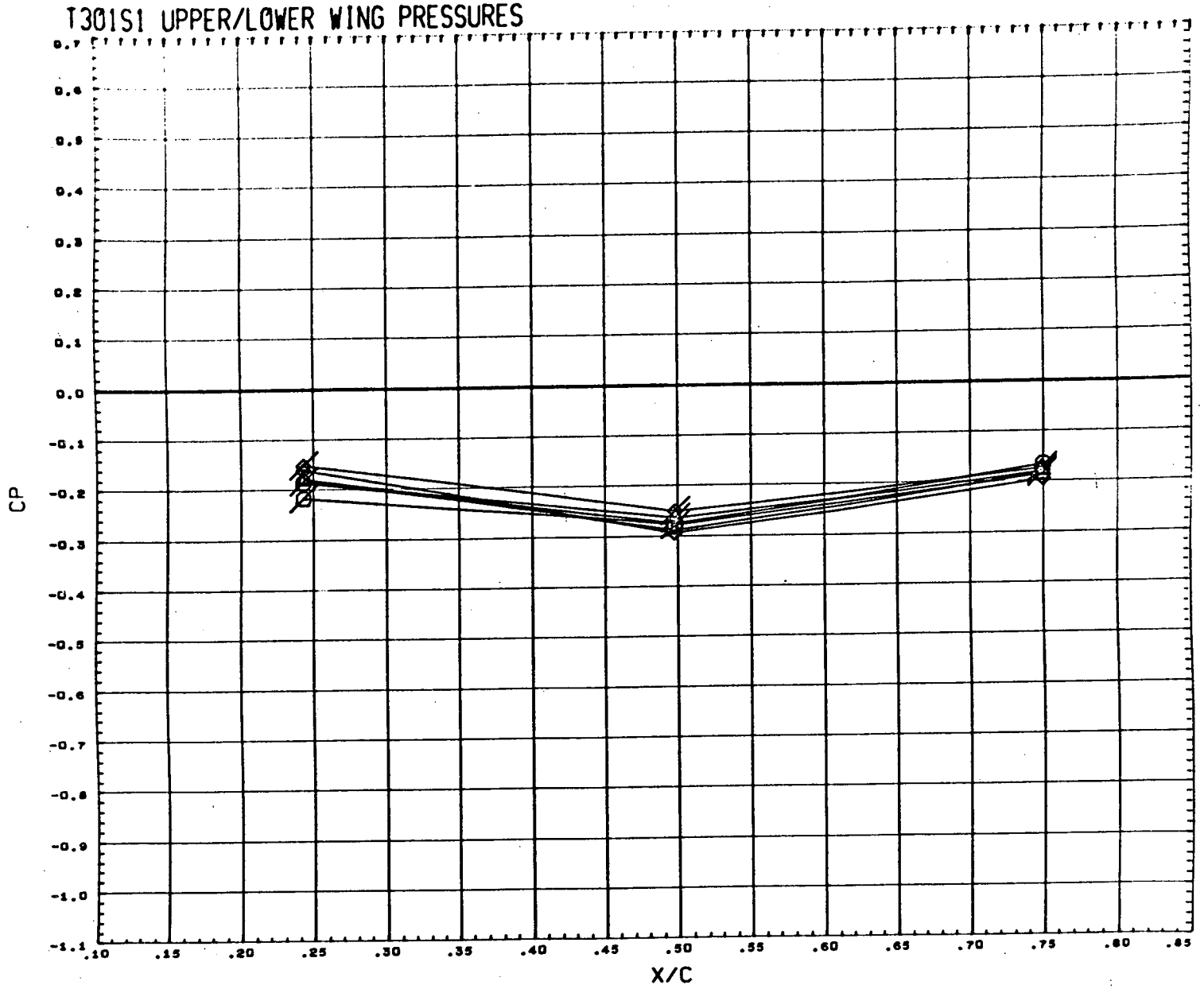
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.596
△	4.000		
◇	6.000		

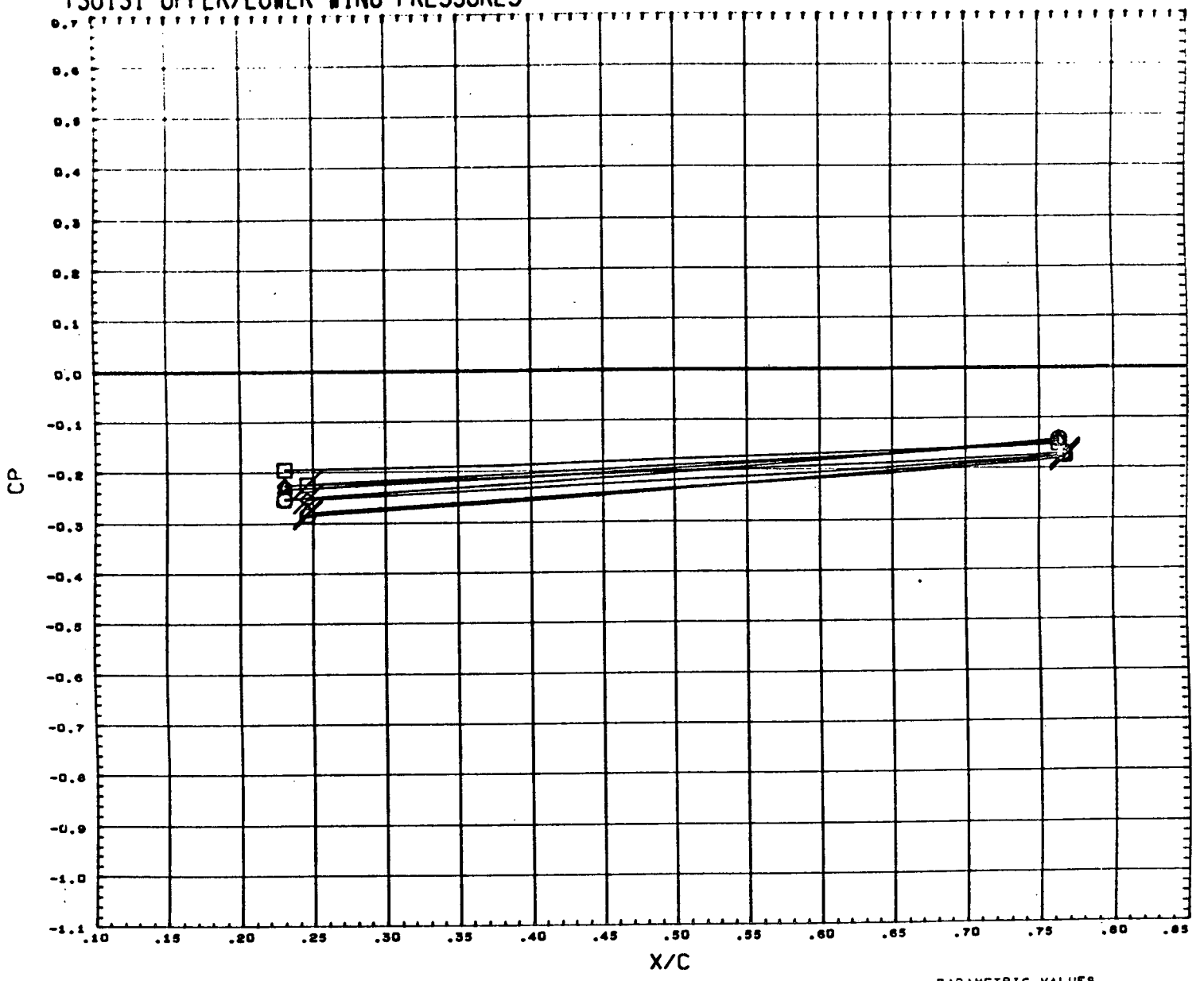
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	0.596
△	4.000		
◇	2.000		
□	0.000		

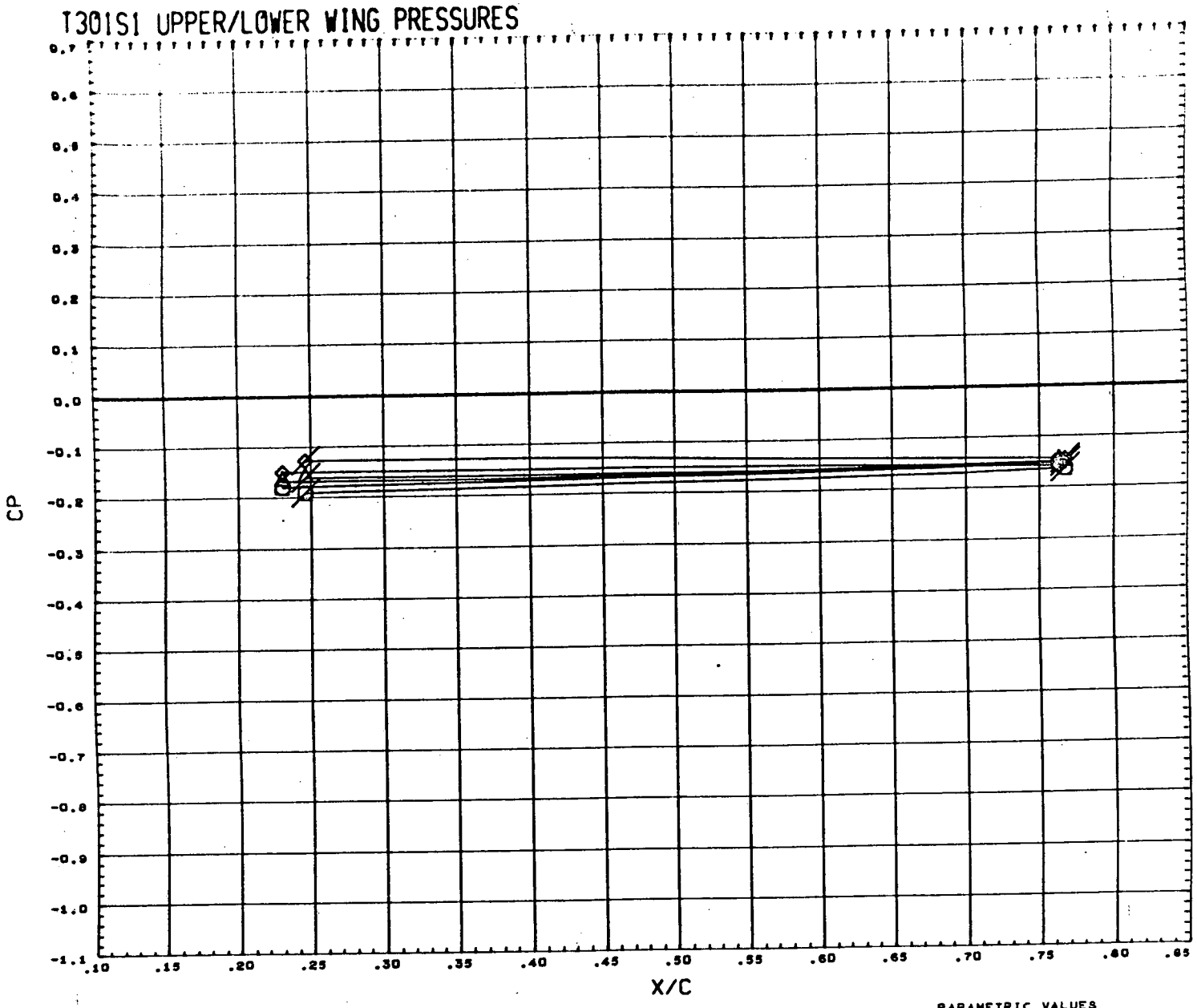
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.596
△	4.000		
◇	6.000		

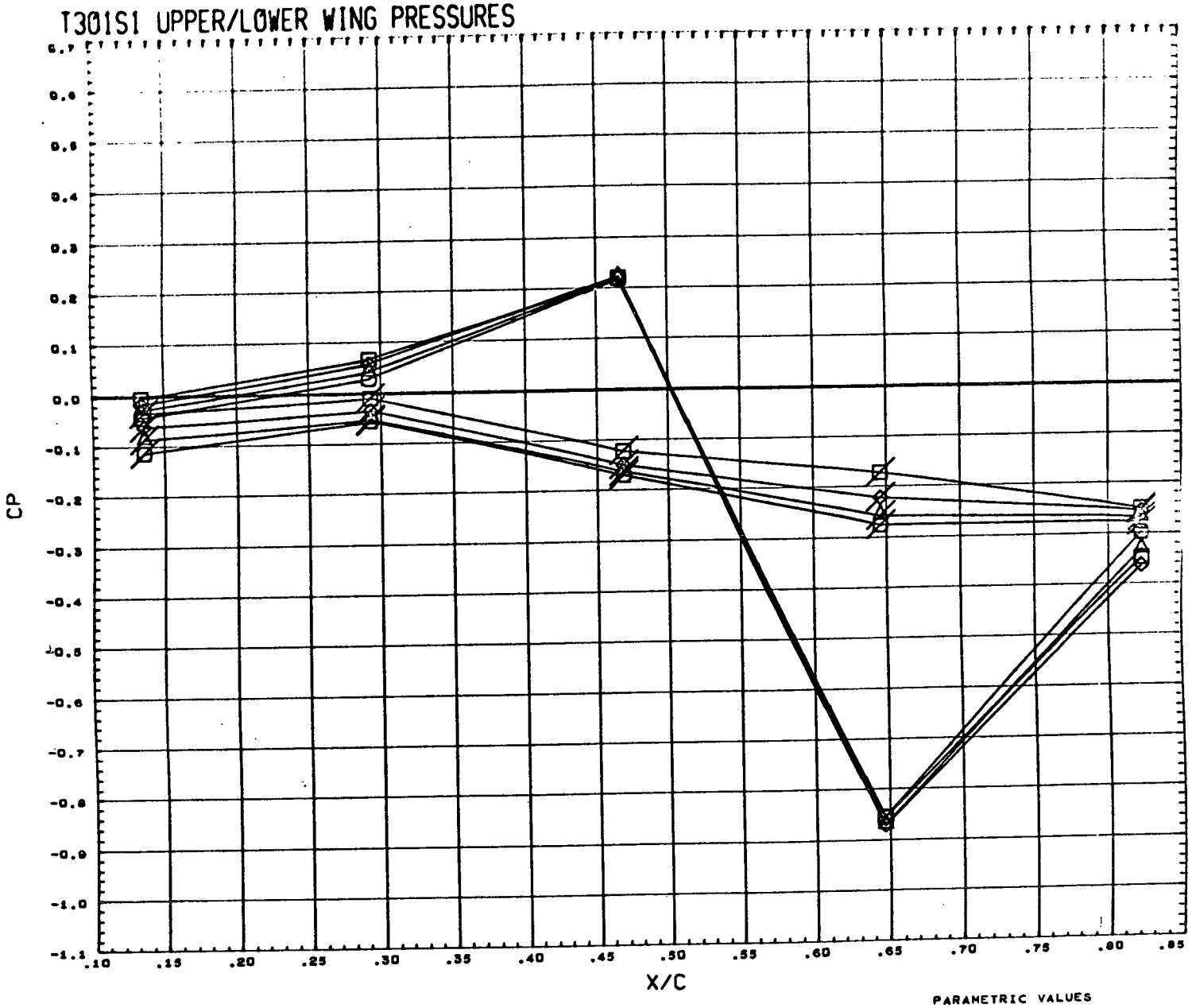
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	- 4.000		
◇	- 2.000		
□	0.000		

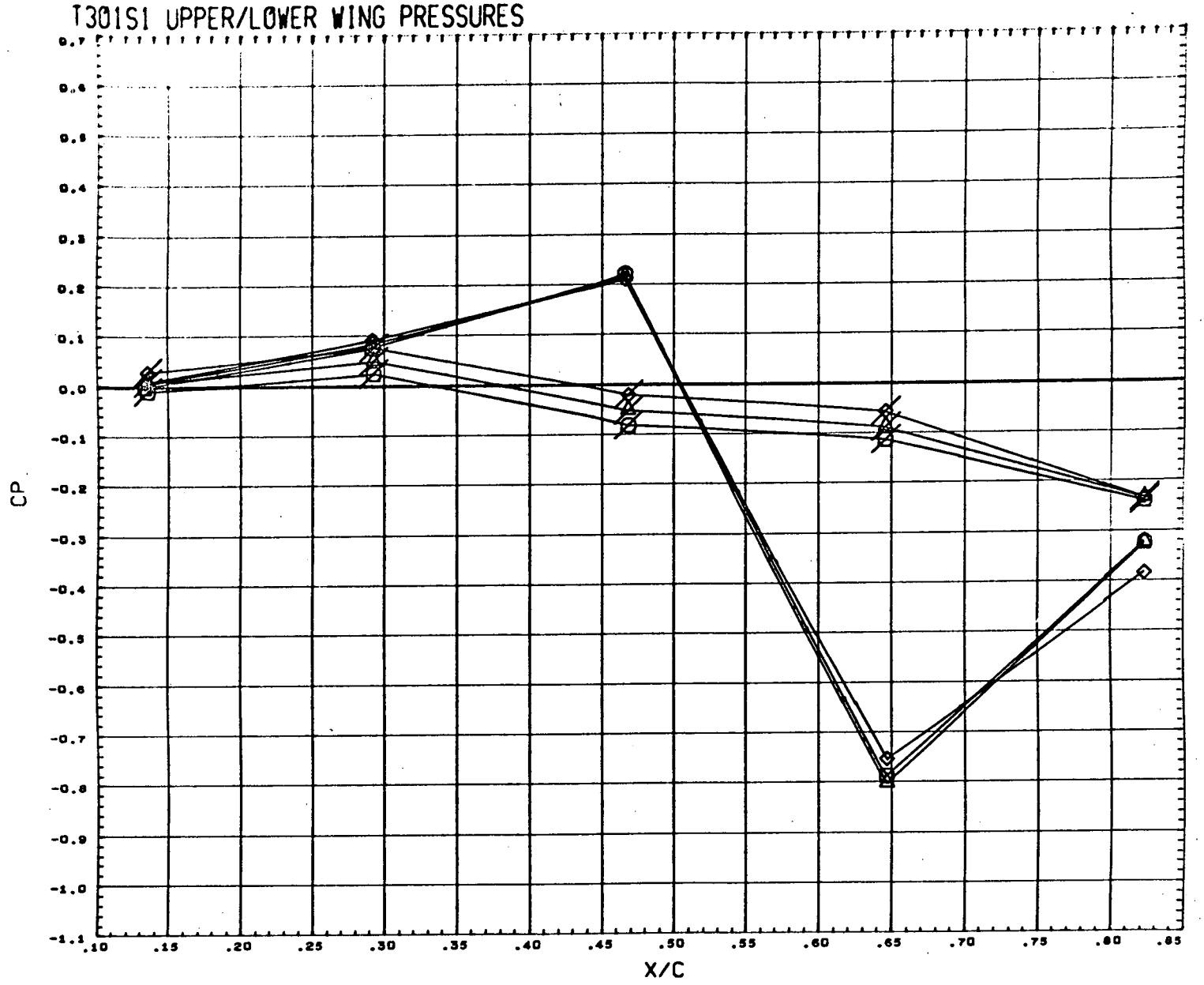
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.900
△	4.000		
◇	6.000		

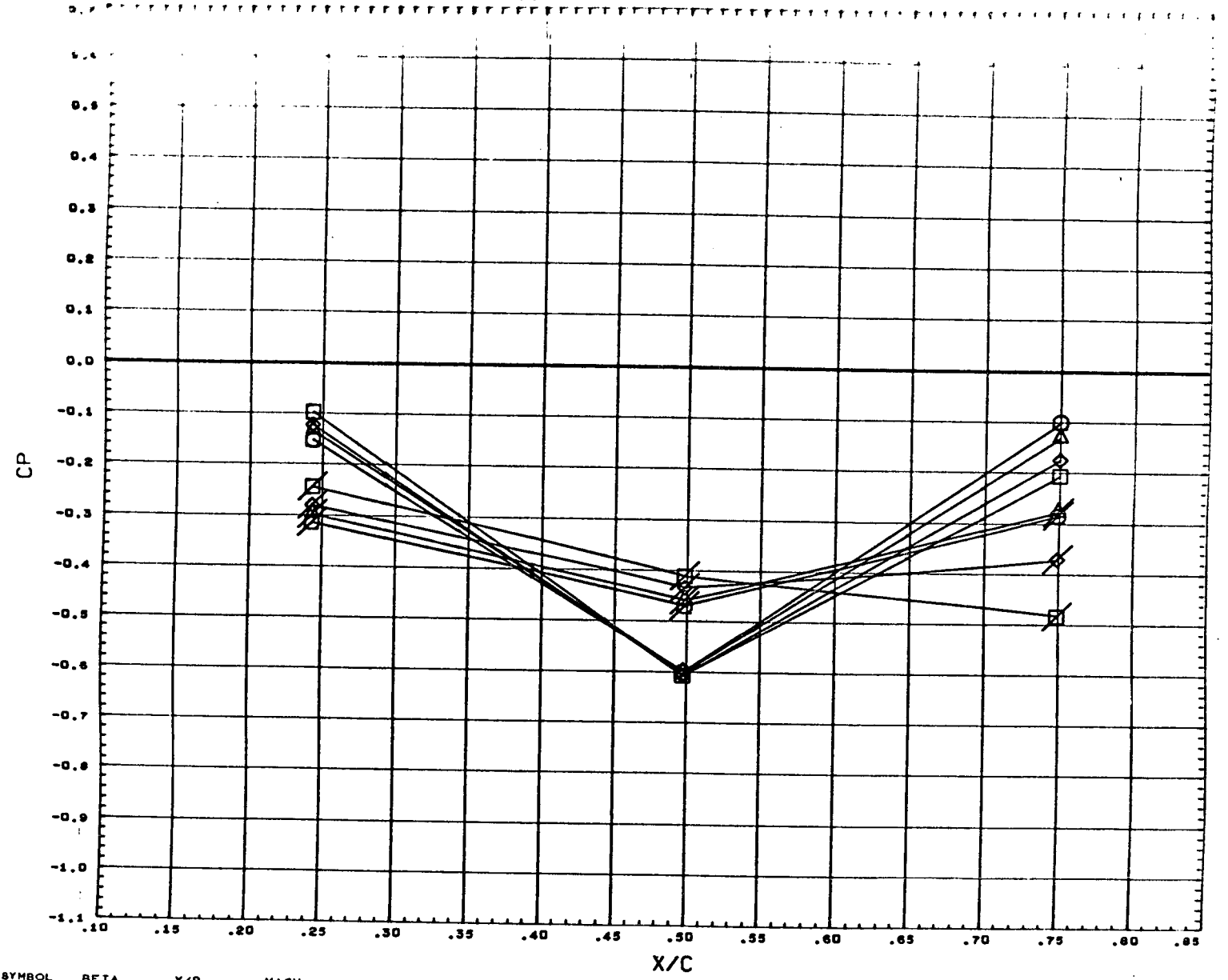
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.900
△	- 4.000		
◇	- 2.000		
□	0.000		

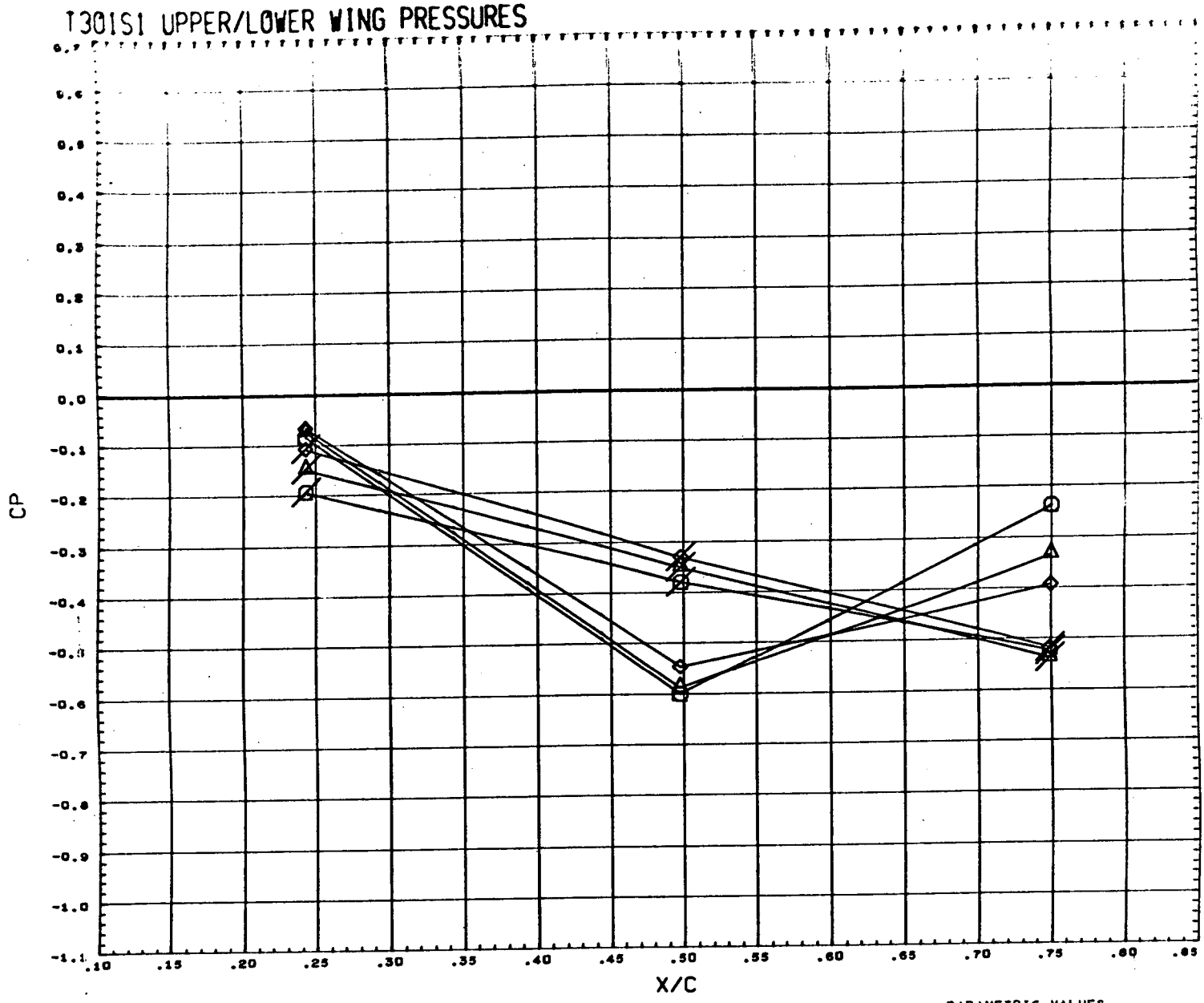
PARAMETRIC VALUES

ALPHA 0.000 · ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.900
△	4.000		
◇	6.000		

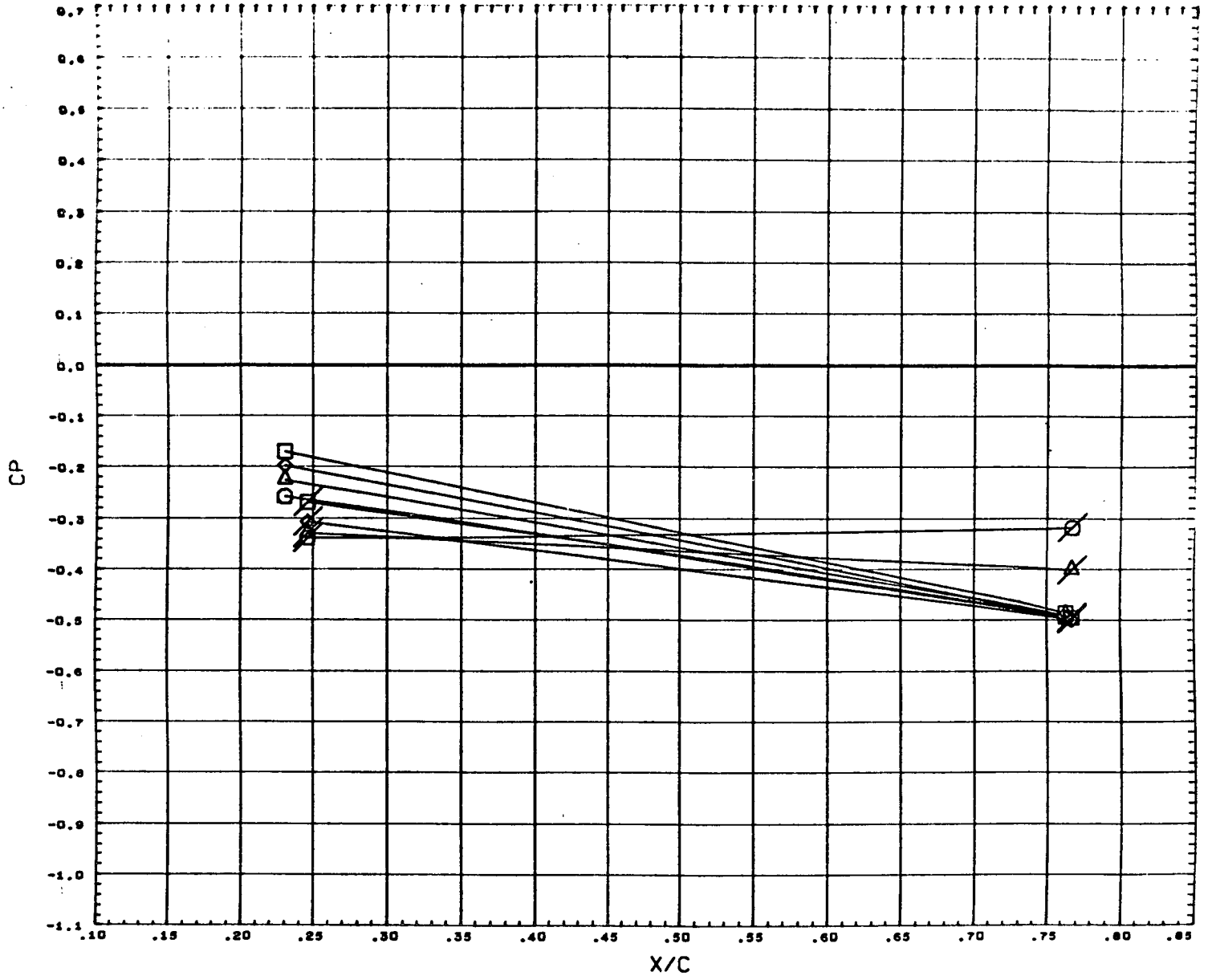
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	0.900
△	- 4.000		
◇	- 2.000		
□	0.000		

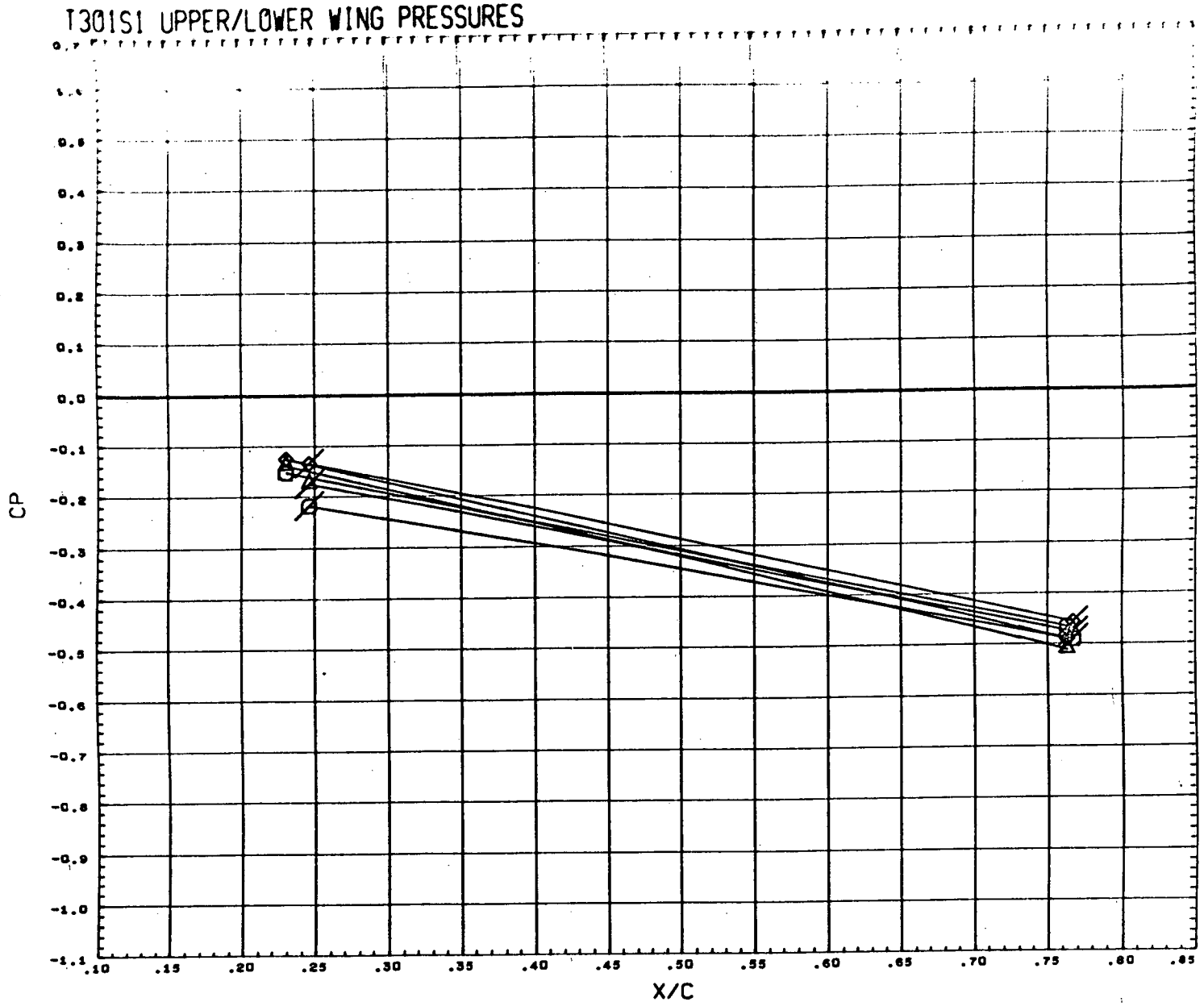
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.900
△	4.000		
◇	6.000		

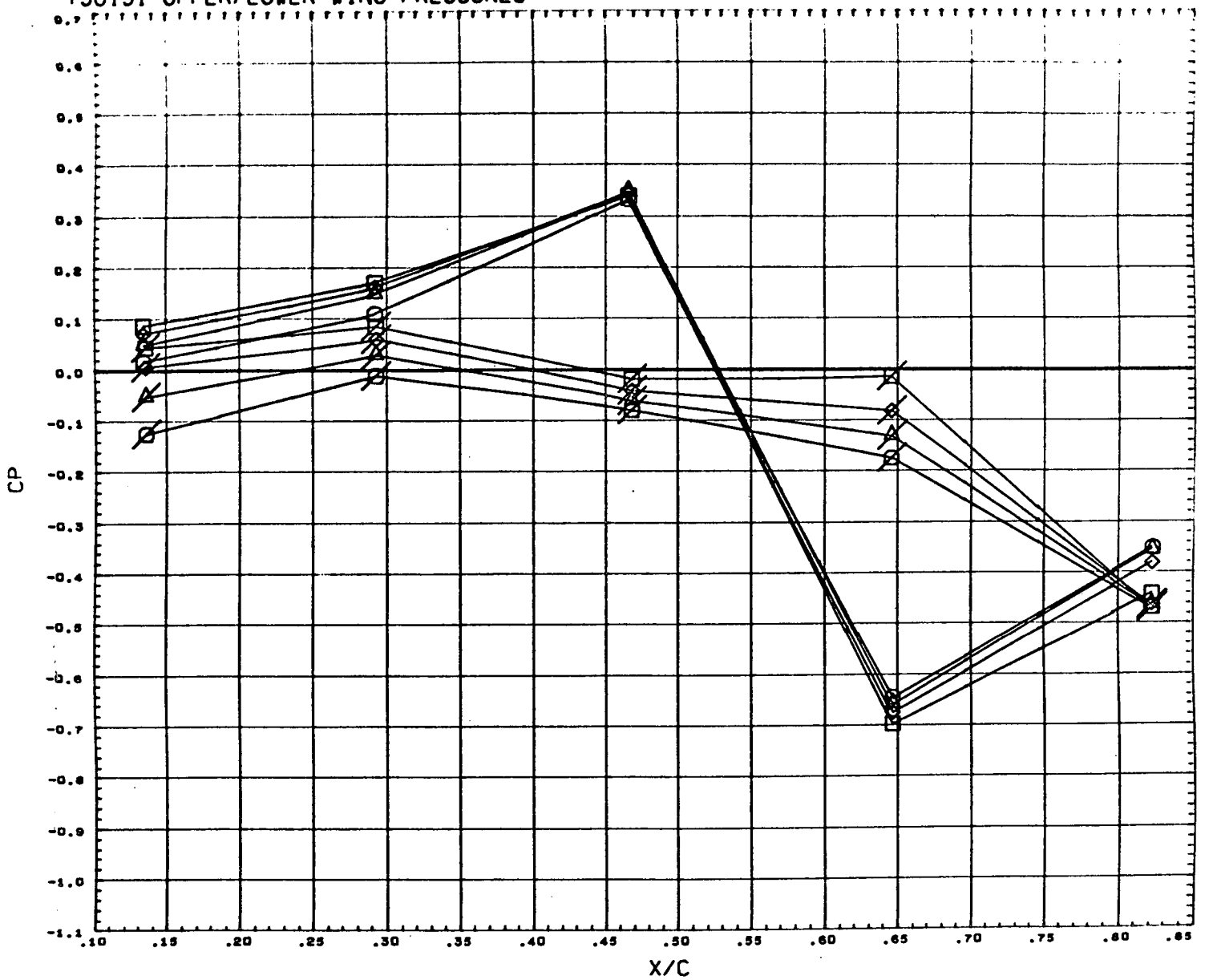
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	- 4.000		
◇	- 2.000		
□	0.000		

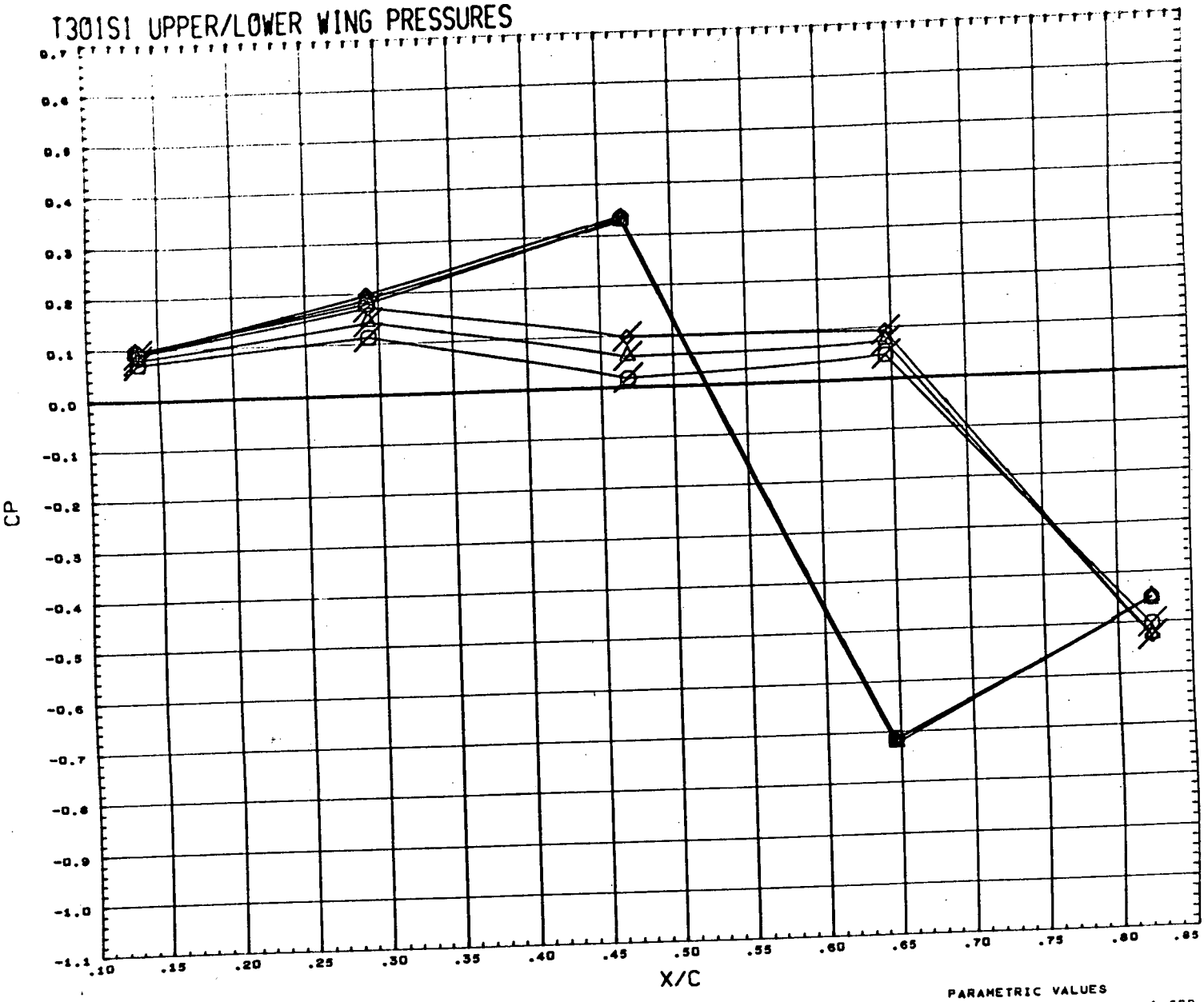
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



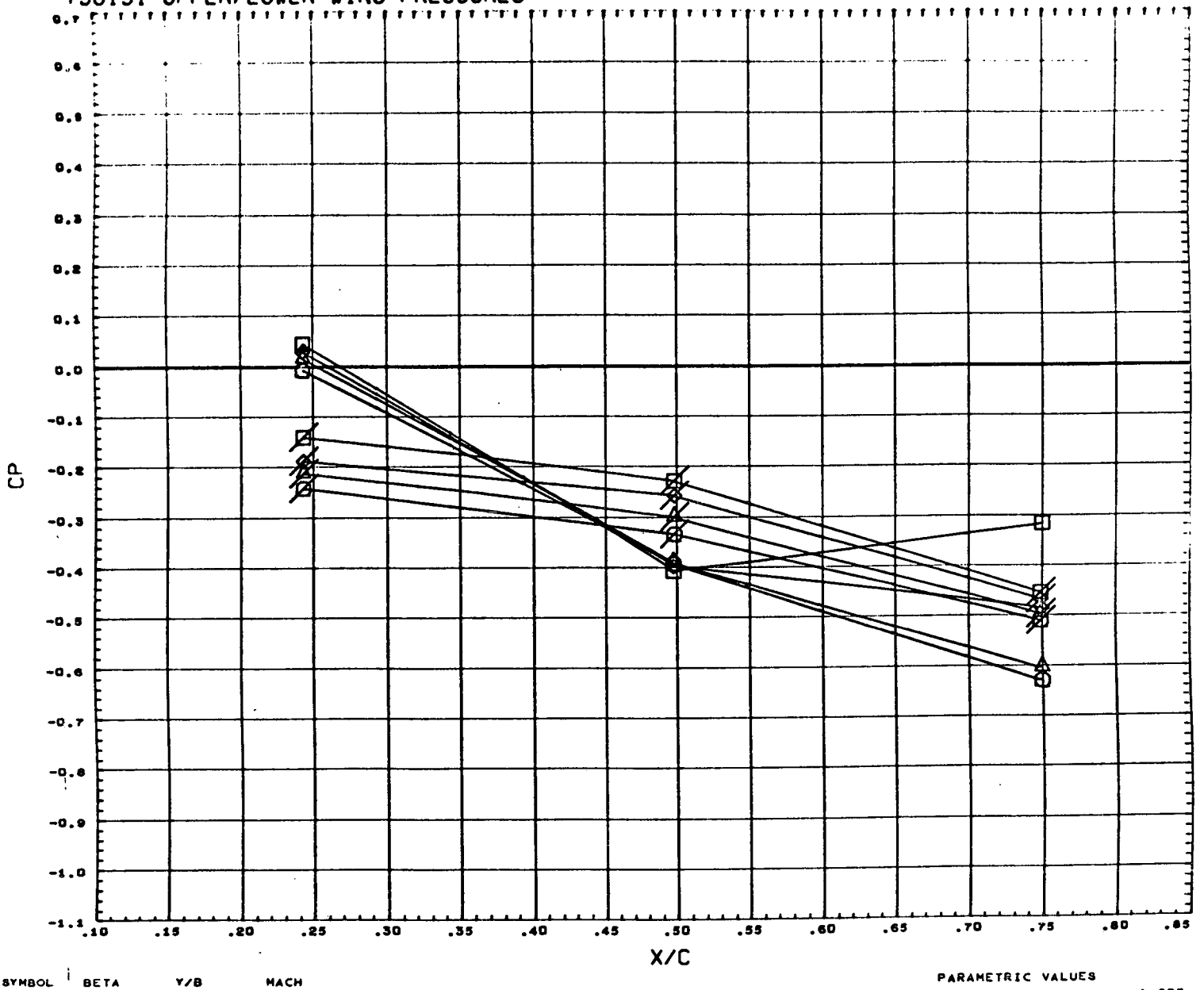
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.002
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.002
△	4.000		
◇	2.000		
□	0.000		

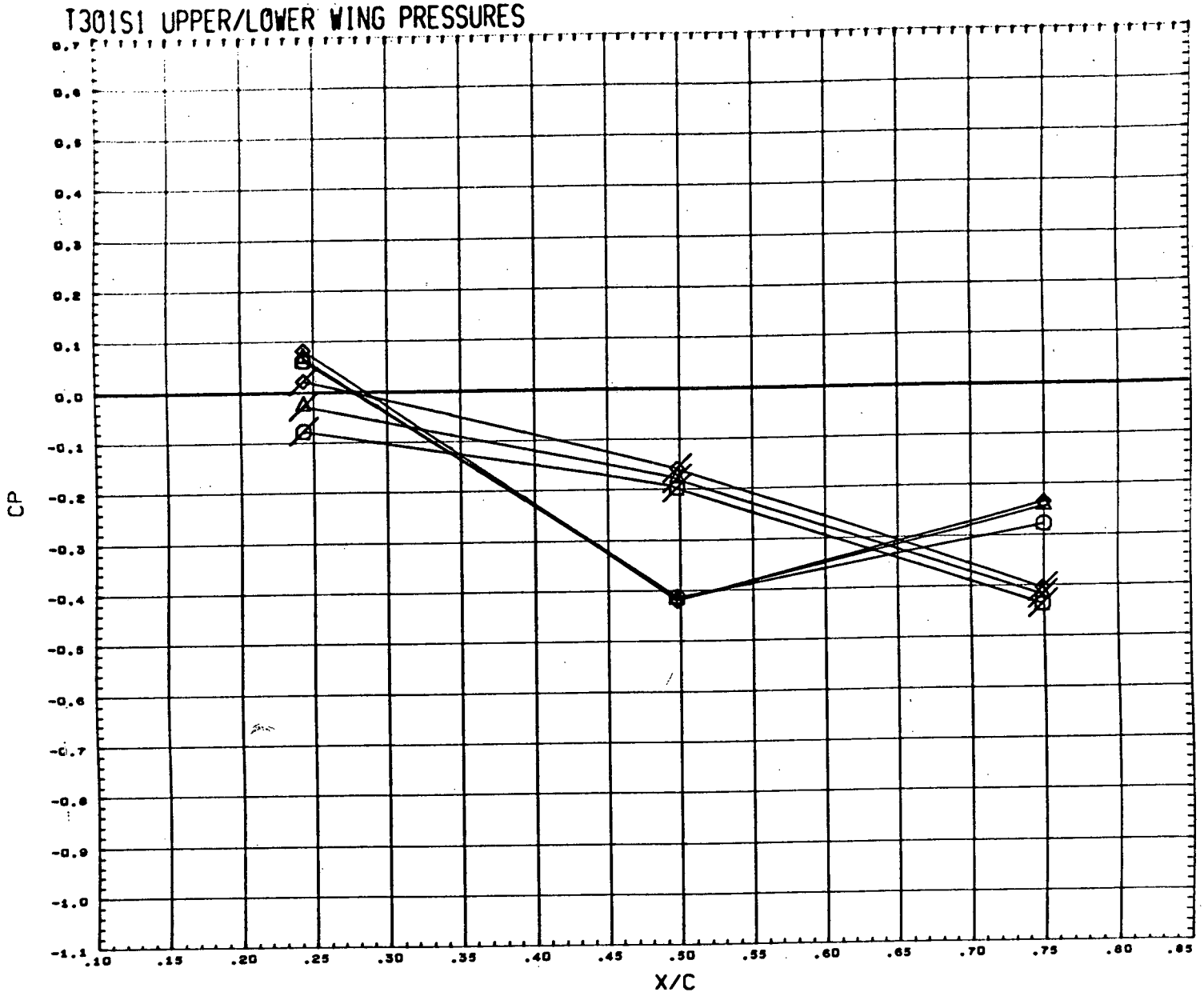
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.002
△	4.000		
◇	6.000		

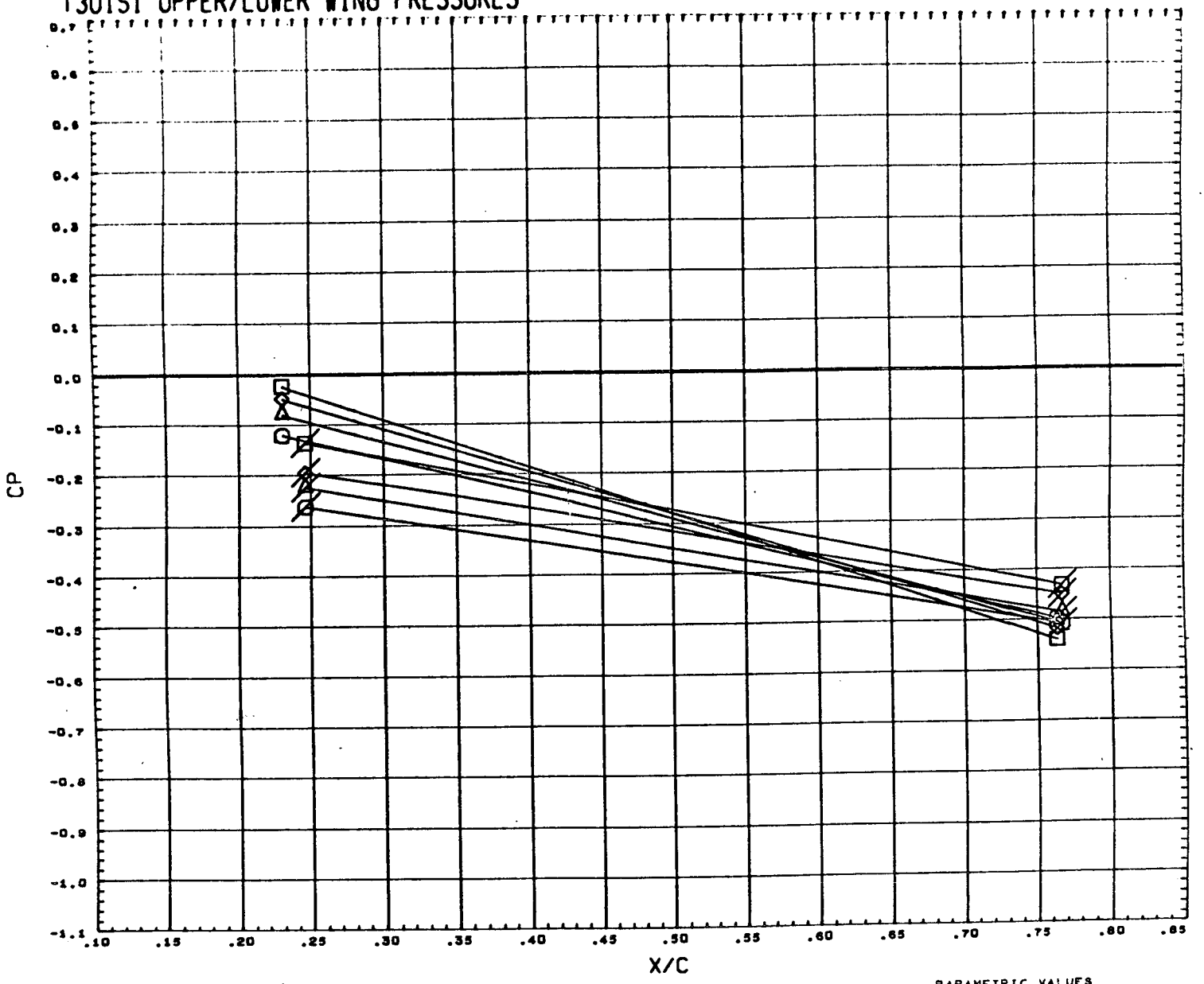
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	- 4.000		
◇	- 2.000		
□	0.000		

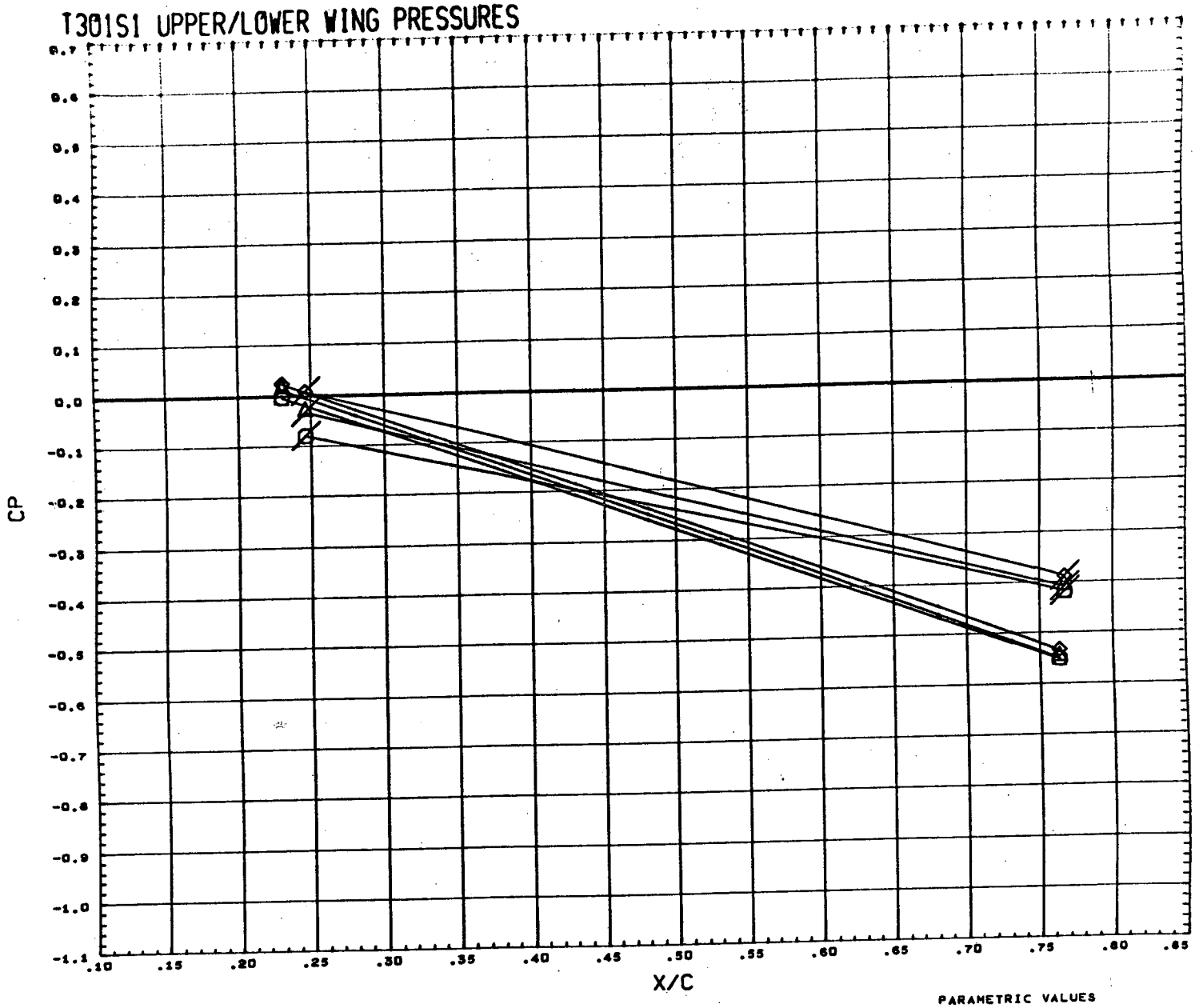
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	4.000		
◇	6.000		

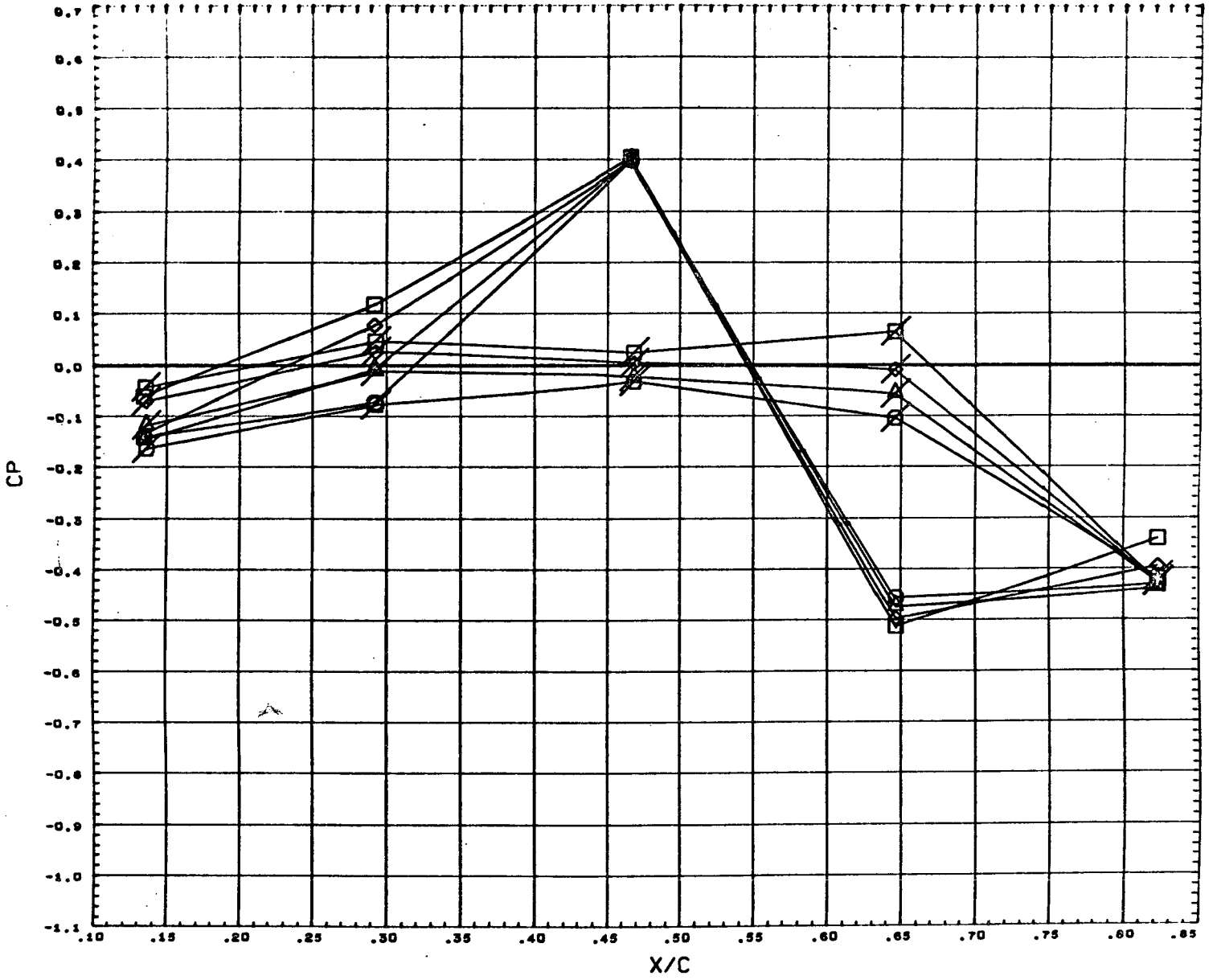
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	4.000		
◇	2.000		
□	0.000		

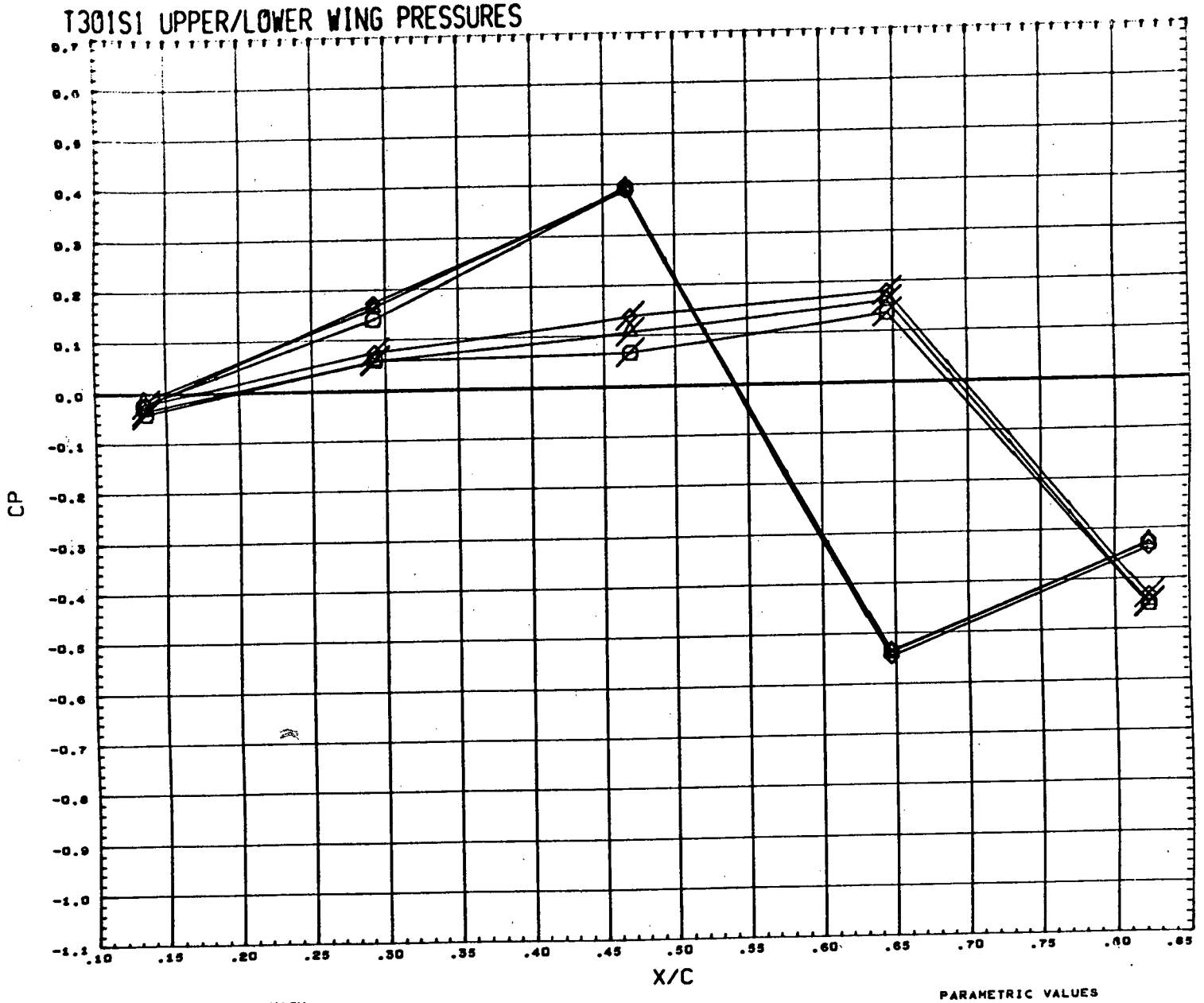
PARAMETRIC VALUES

ALPHA 0.000 ORBINC = 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.099
△	4.000		
◇	6.000		

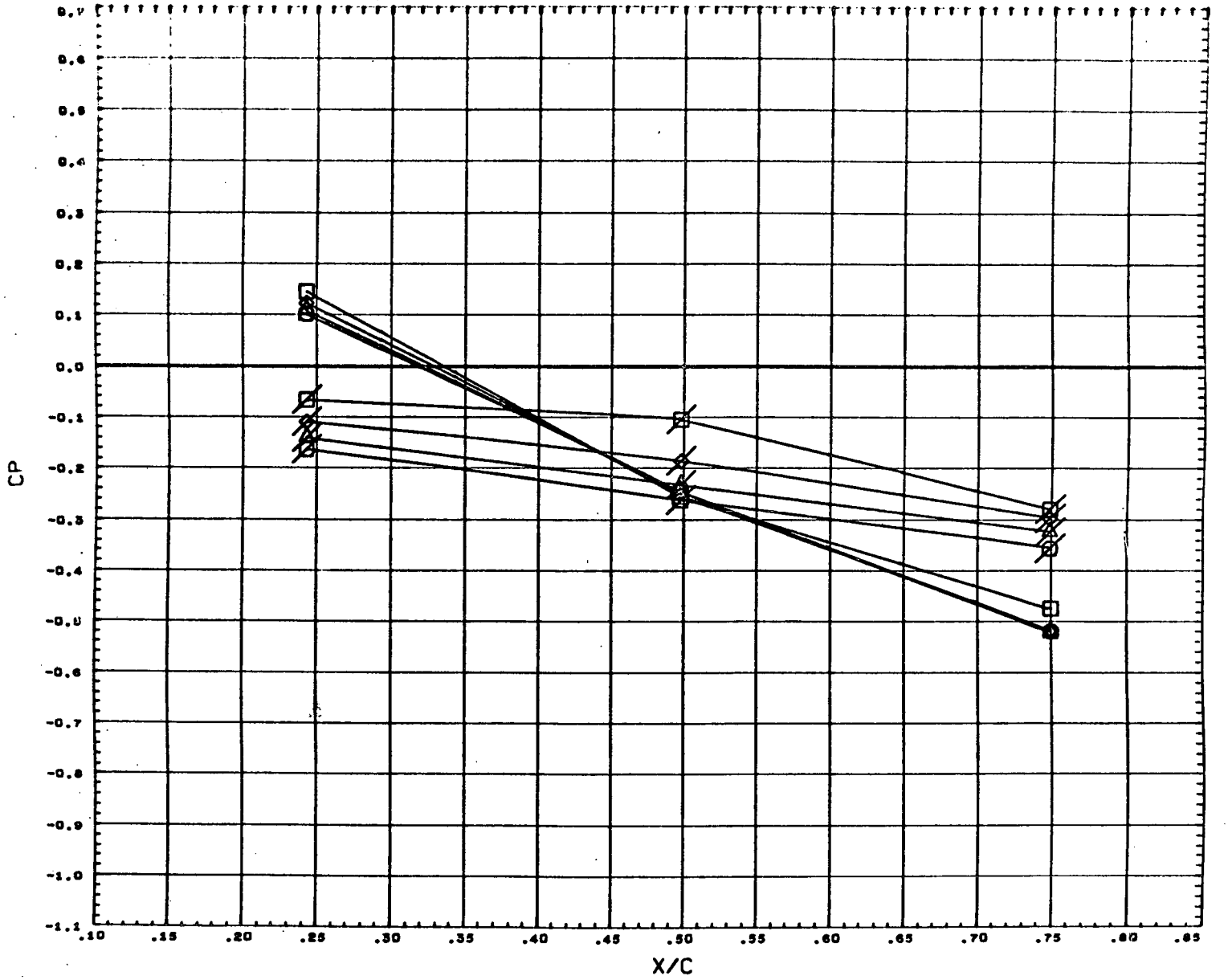
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560.	1.099
△	4.000		
◇	2.000		
□	0.000		

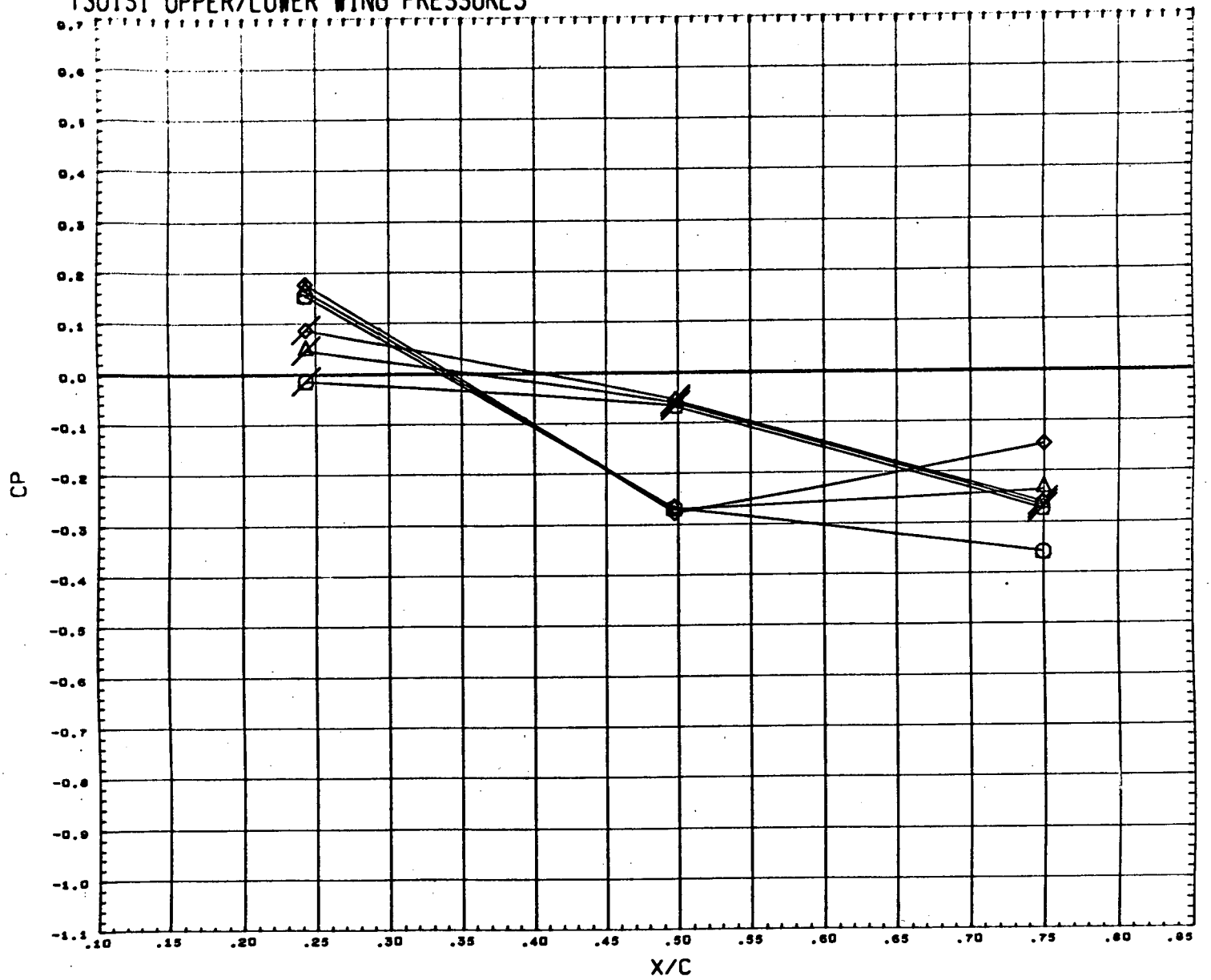
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.099
△	4.000		
◇	6.000		

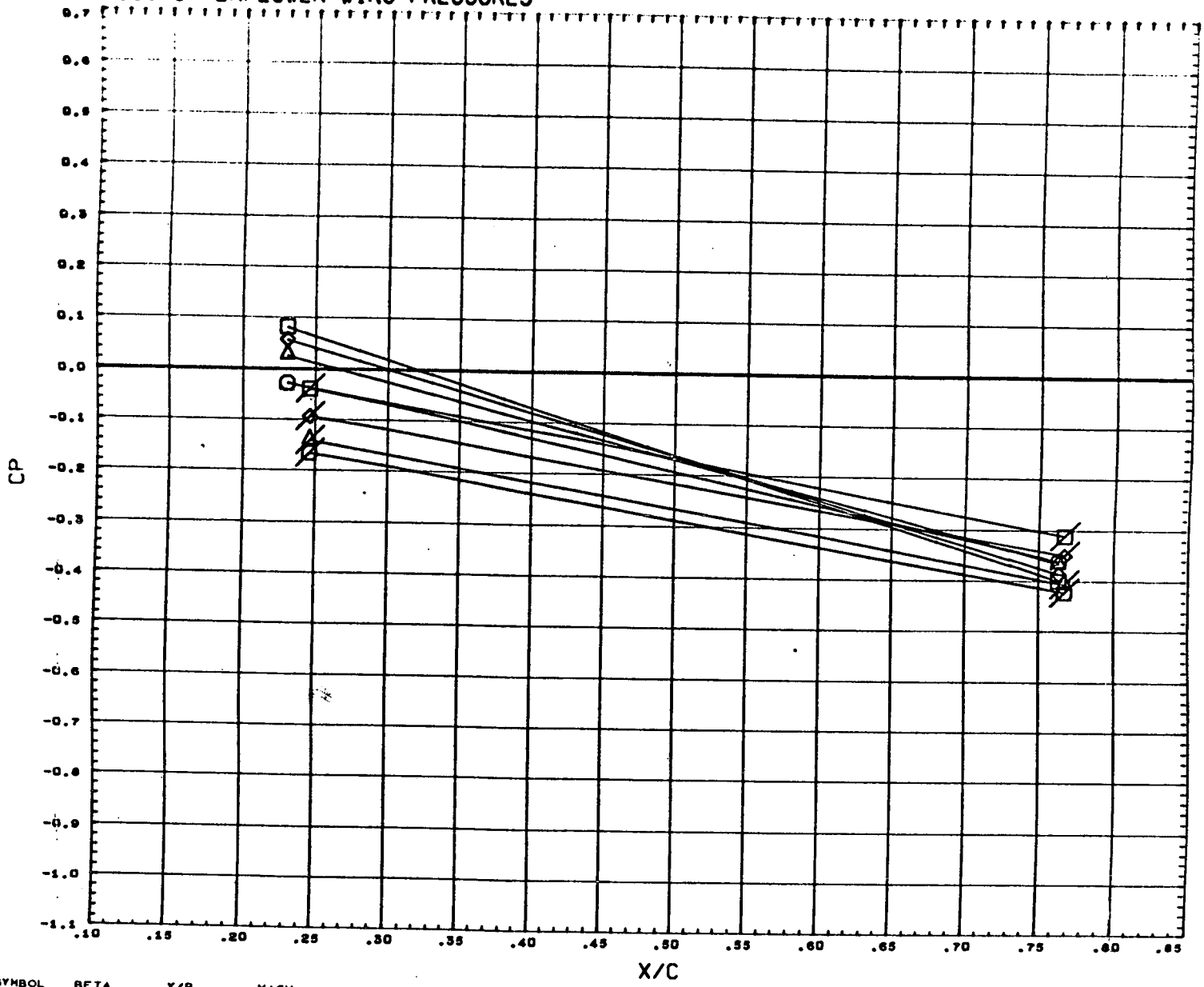
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.099
△	- 4.000		
◇	- 2.000		
□	0.000		

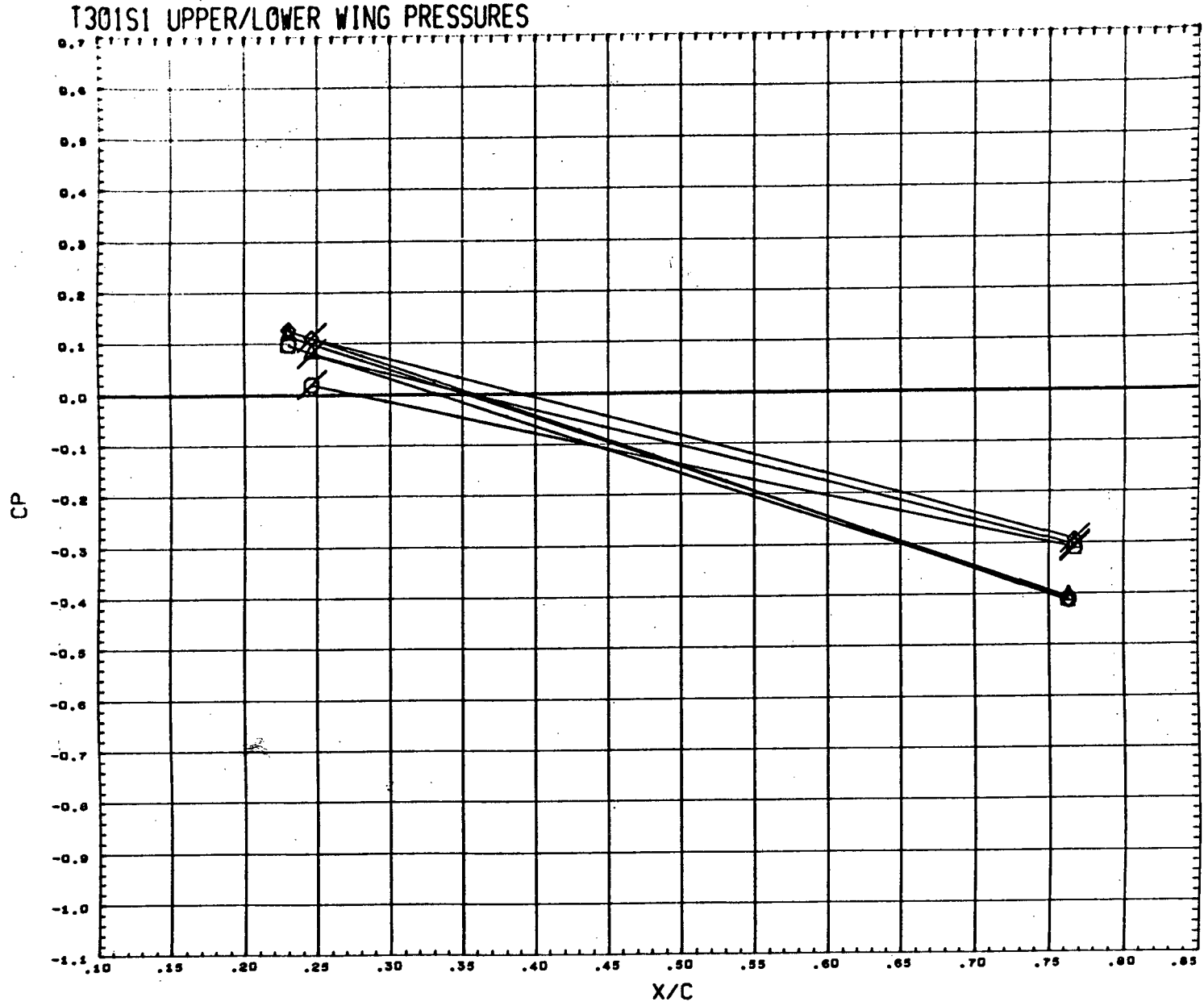
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	1.099
△	4.000		
◇	6.000		

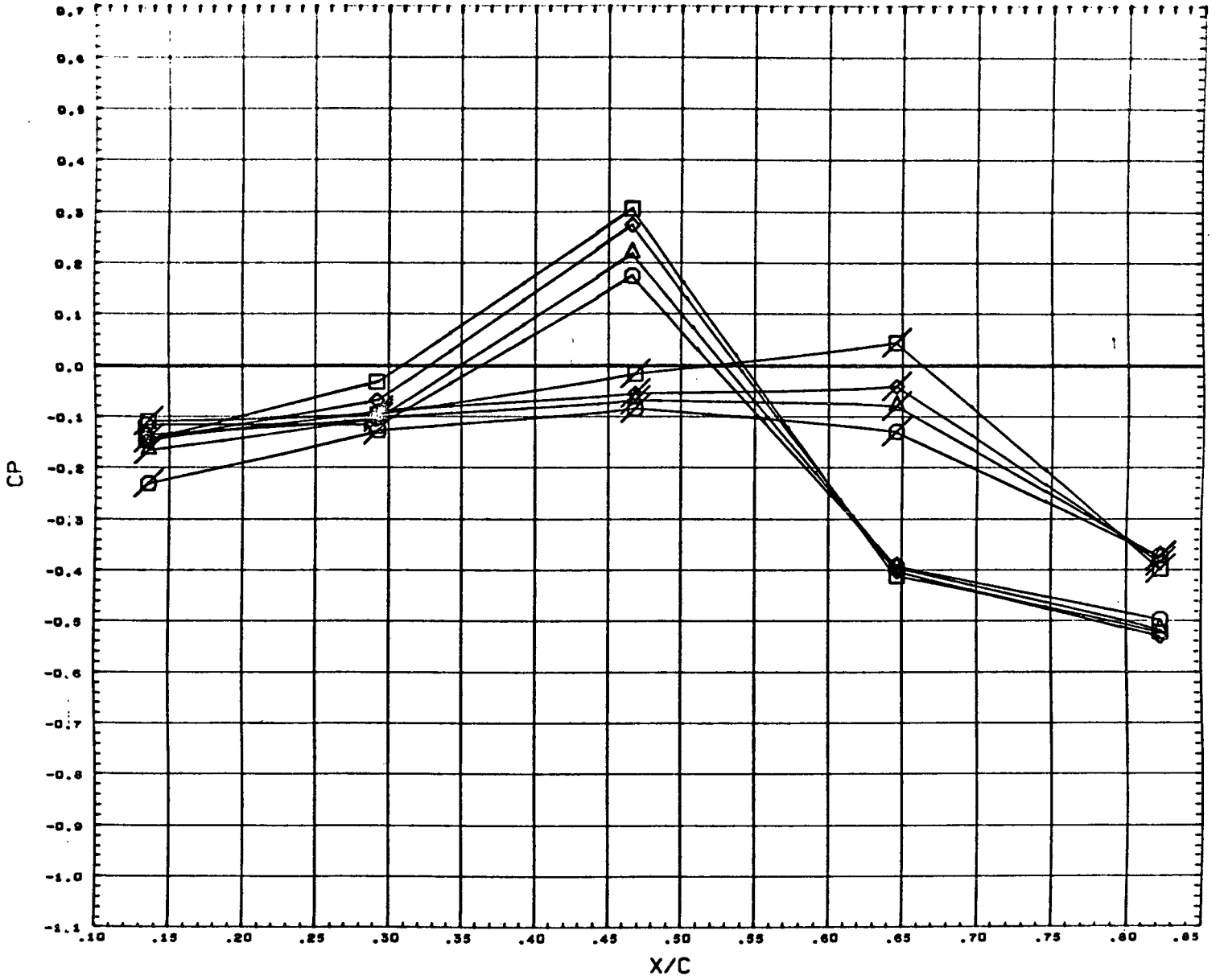
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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△	4.000		
◇	2.000		
□	0.000		

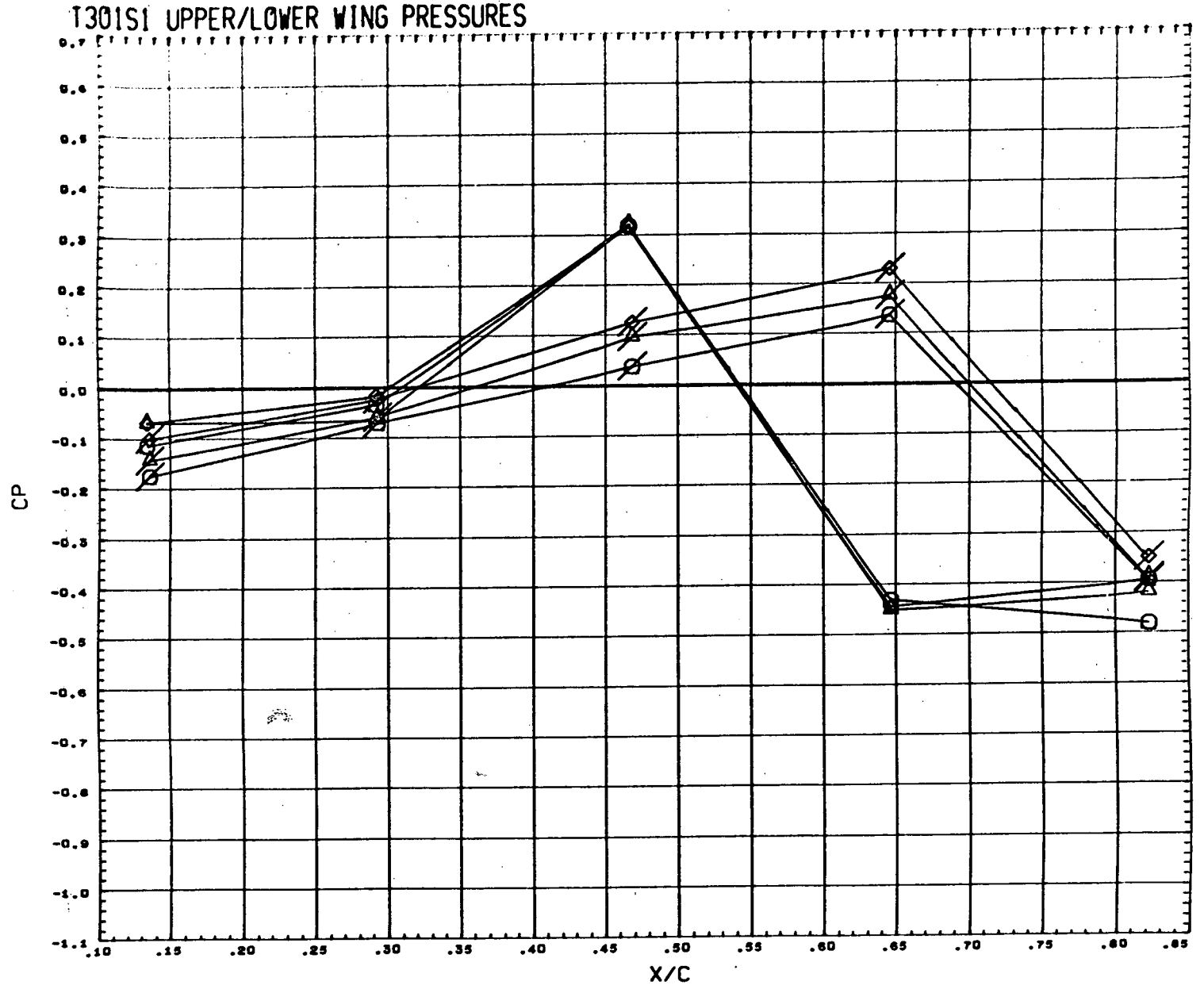
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.194
△	4.000		
◇	6.000		

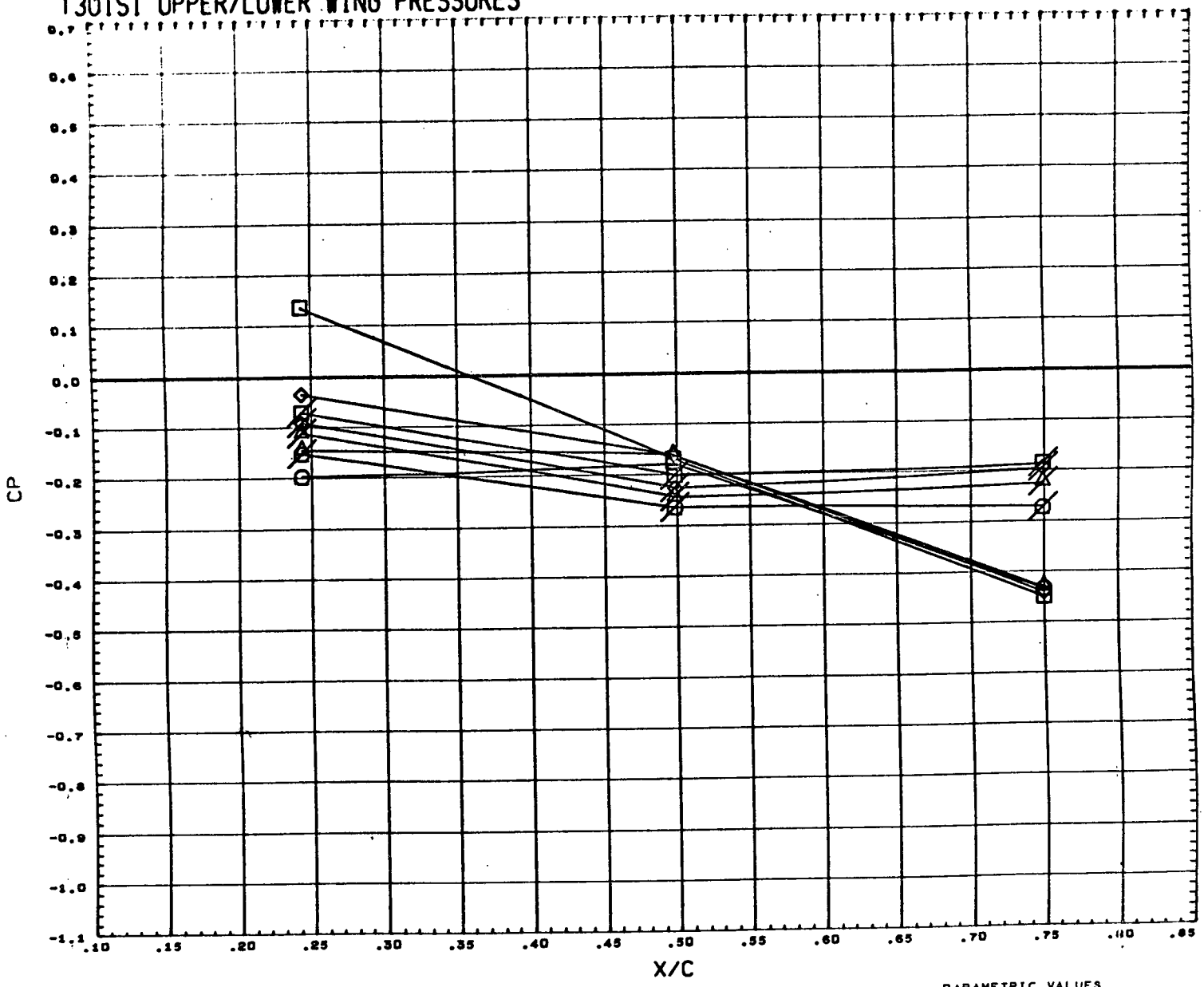
PARAMETRIC VALUES

ALPHA 0.000 ORBINC -- 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

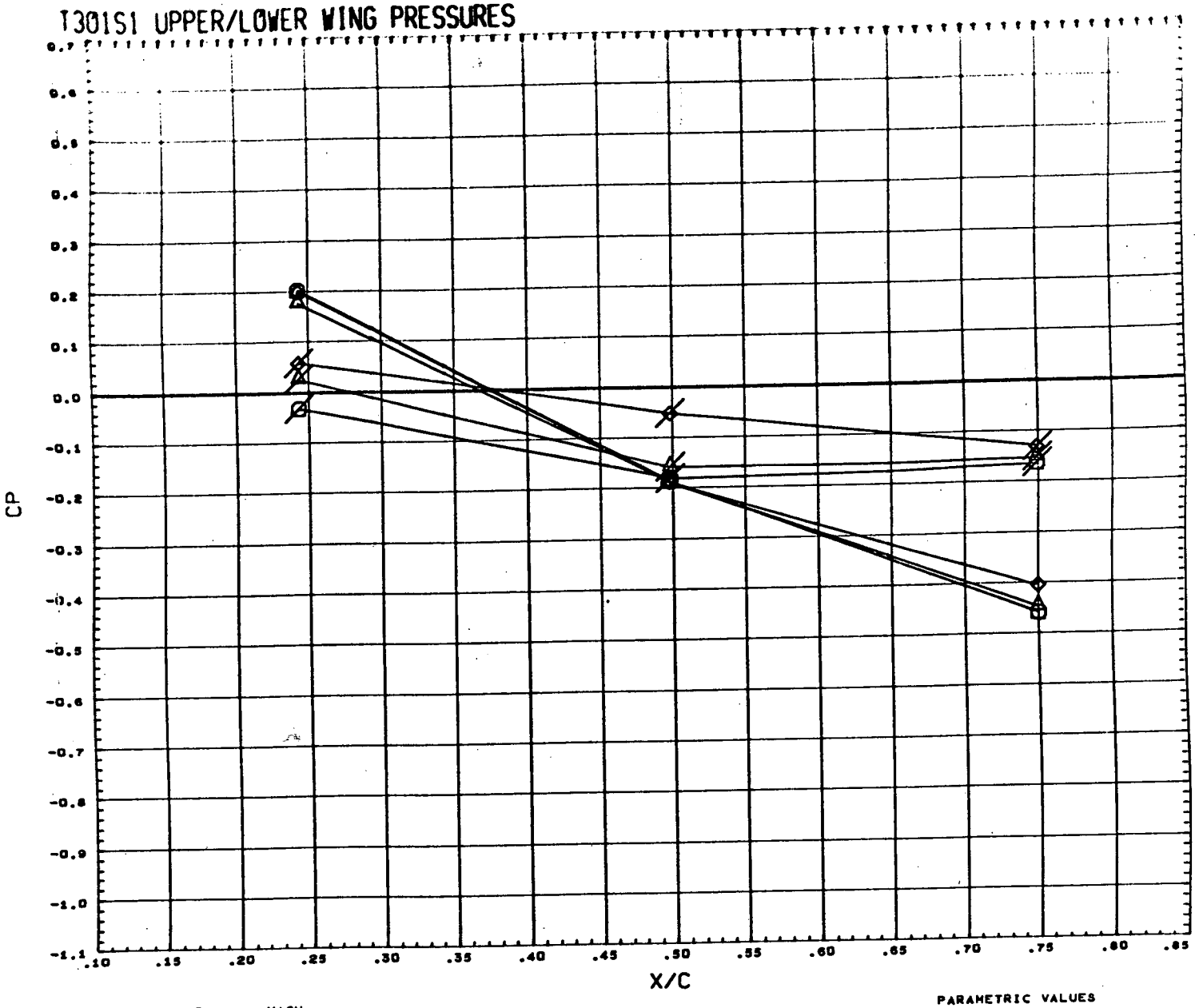
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.194
△	4.000		
◇	6.000		

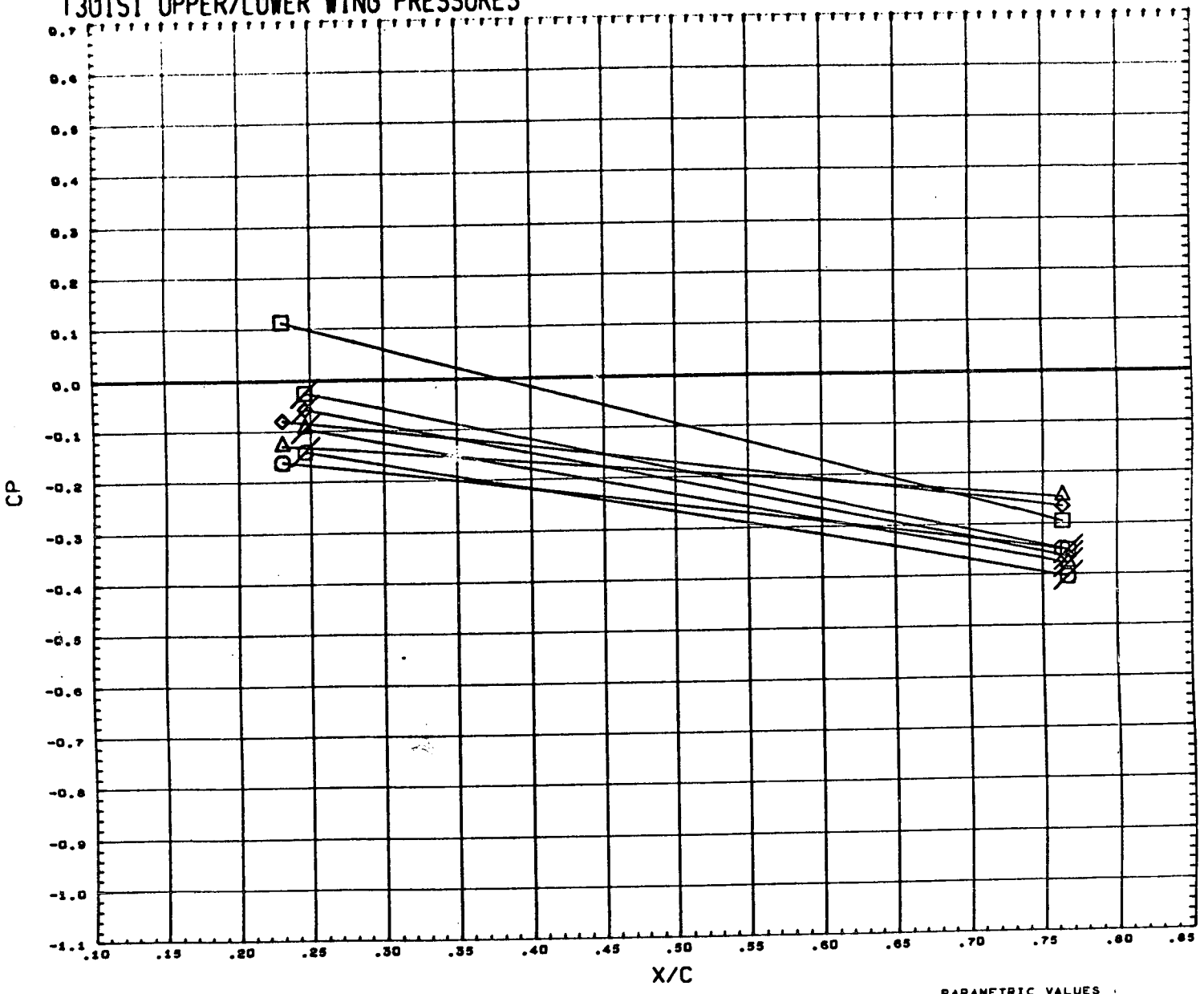
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

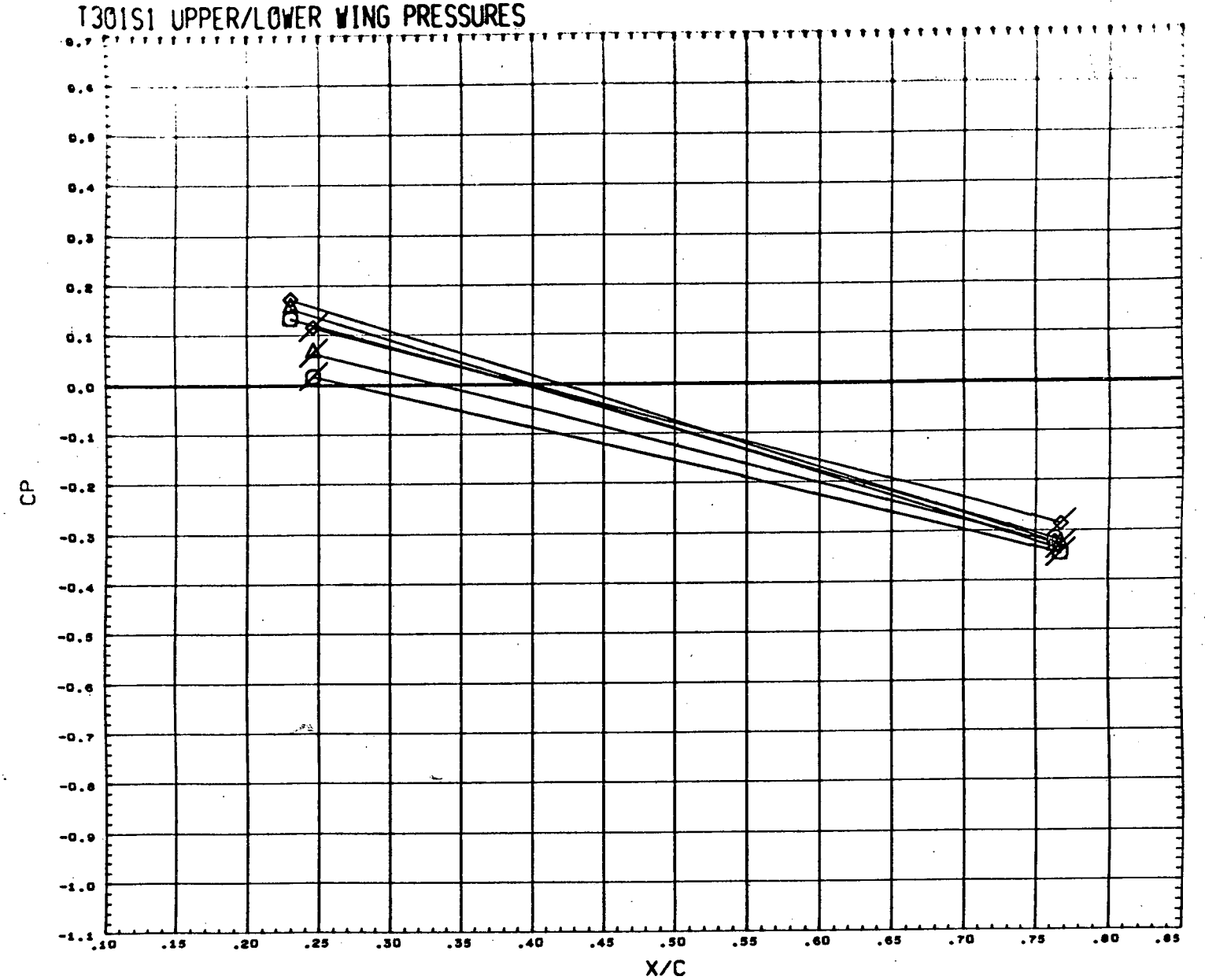
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.194
△	4.000		
◇	6.000		

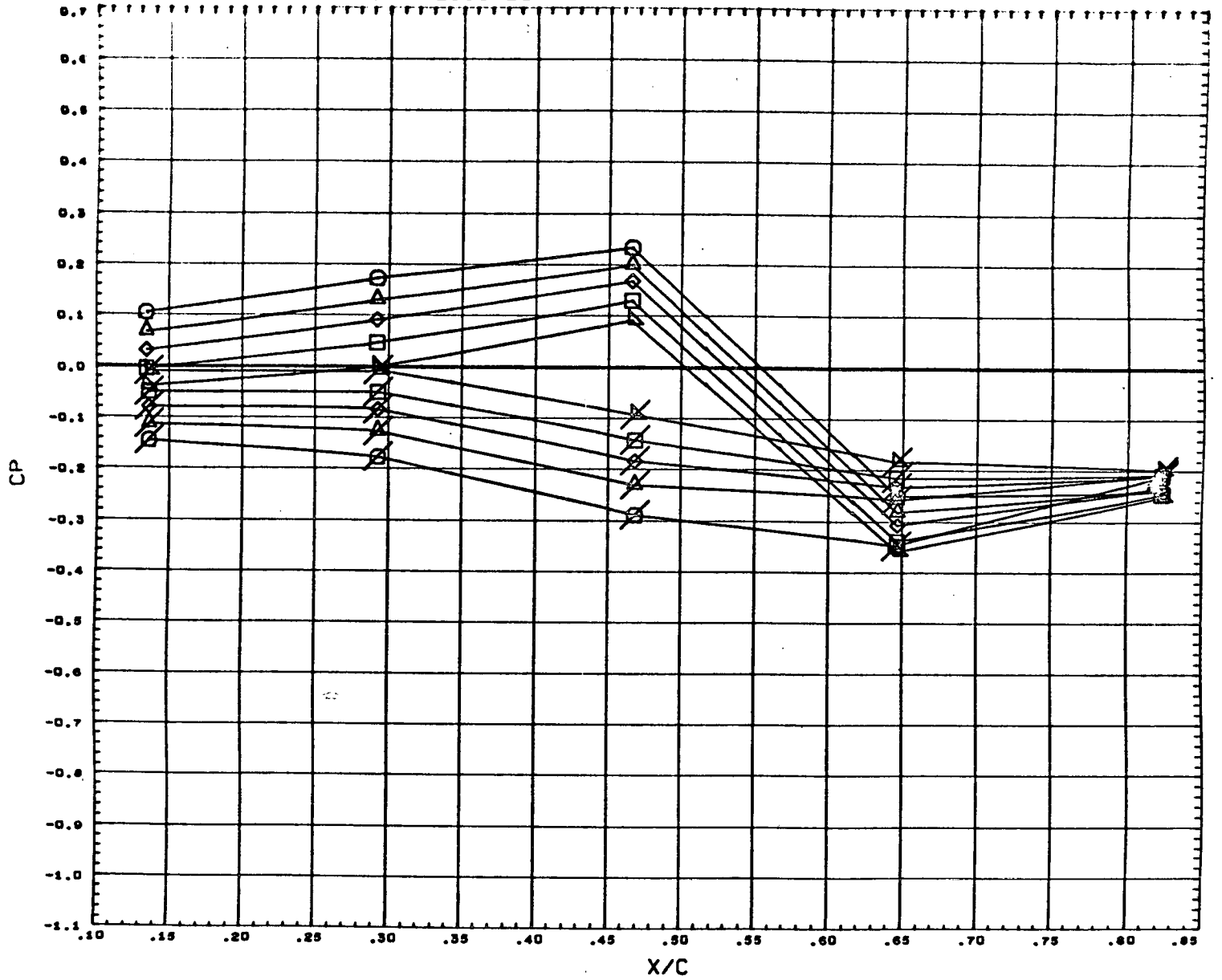
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73026)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73026)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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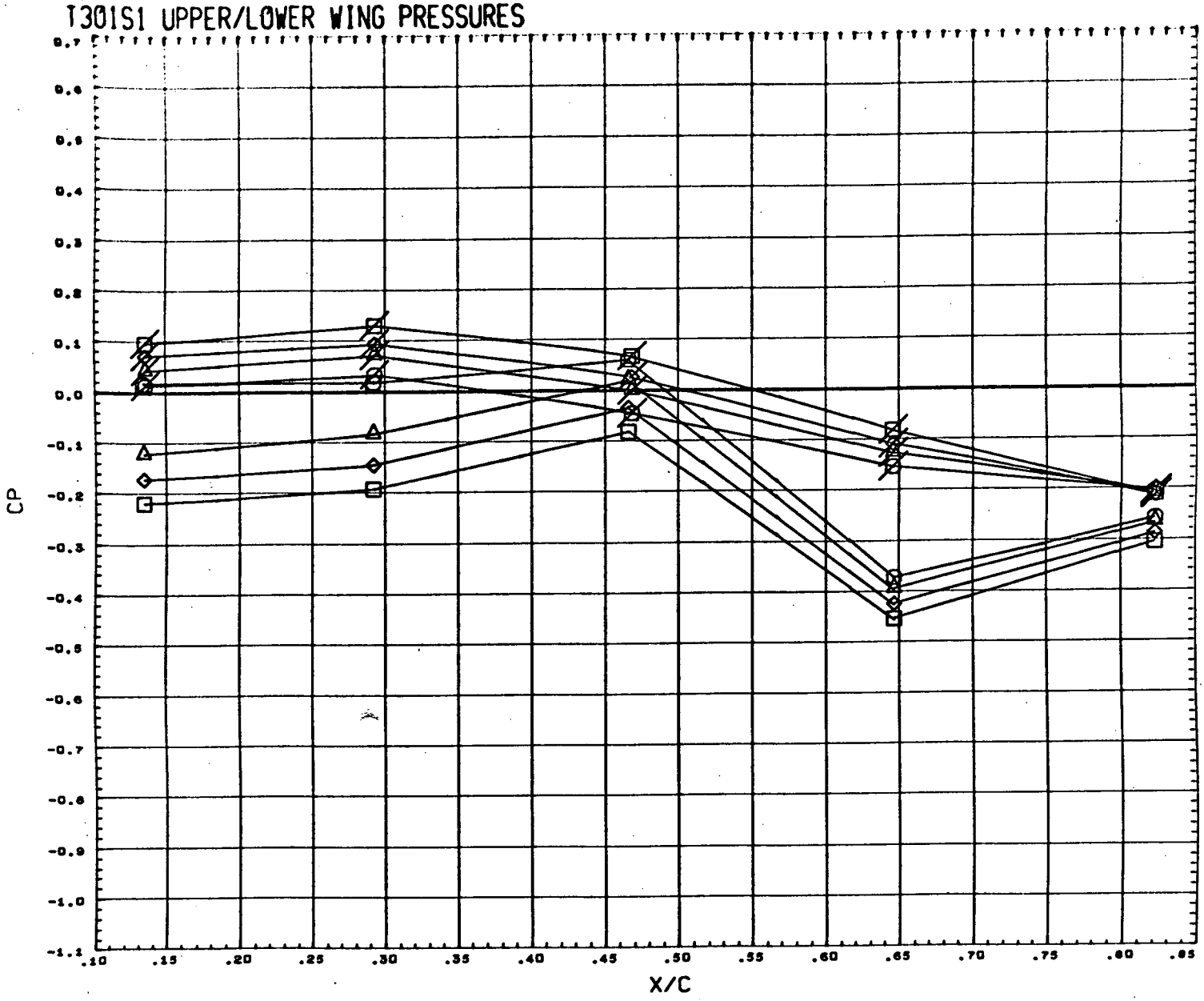
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	0.601
△	4.000		
◇	6.000		
□	8.000		

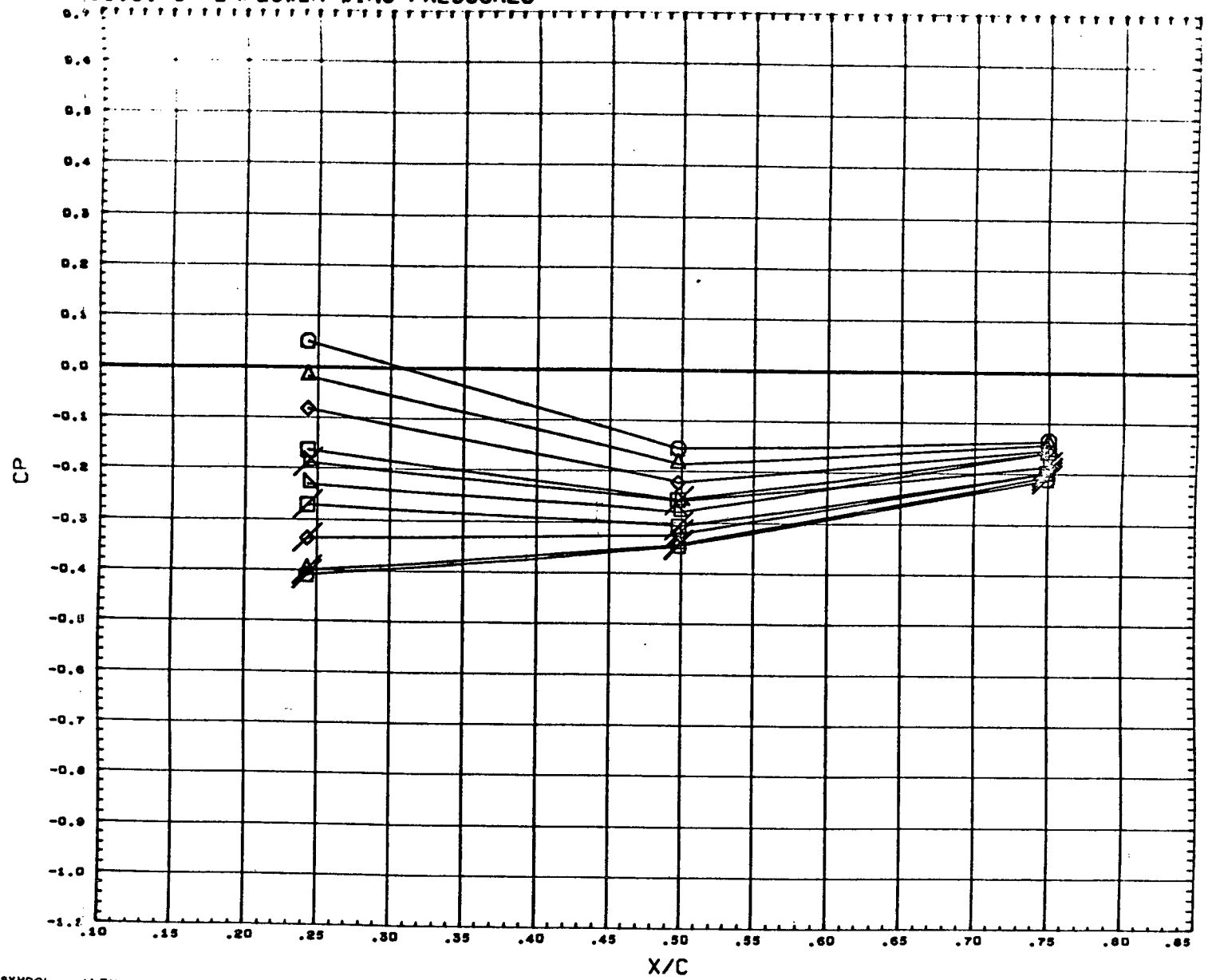
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



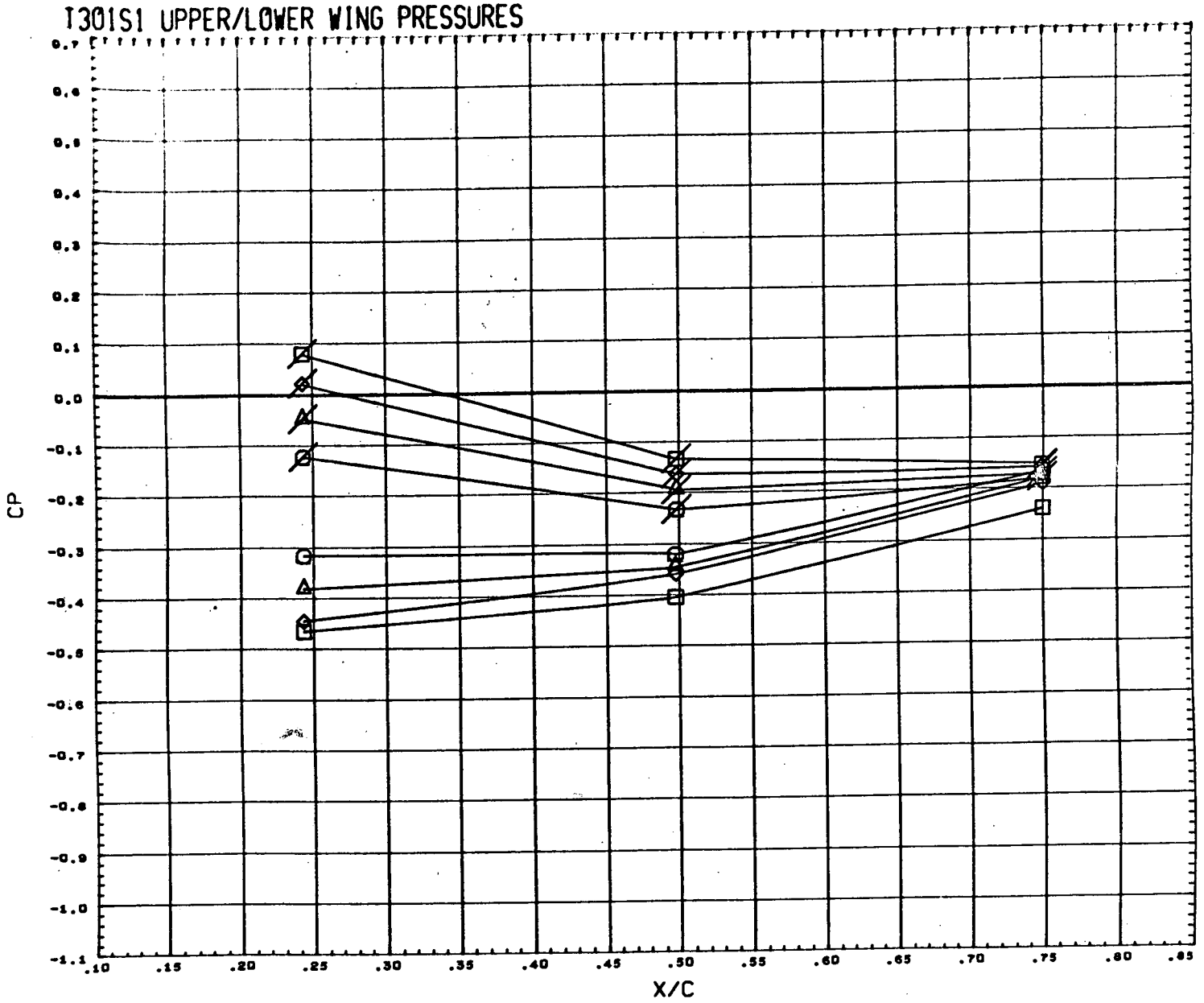
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.601
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



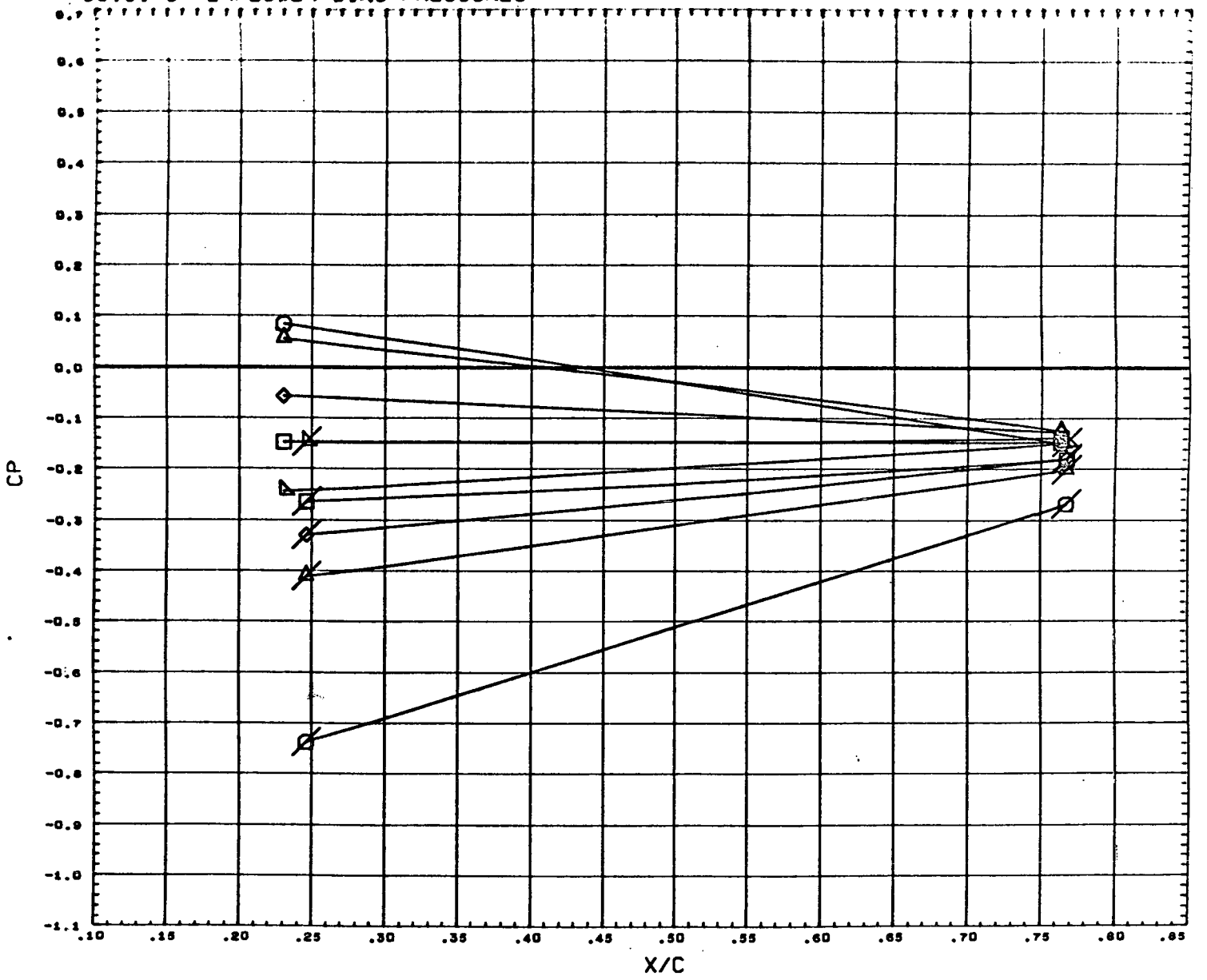
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.601
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



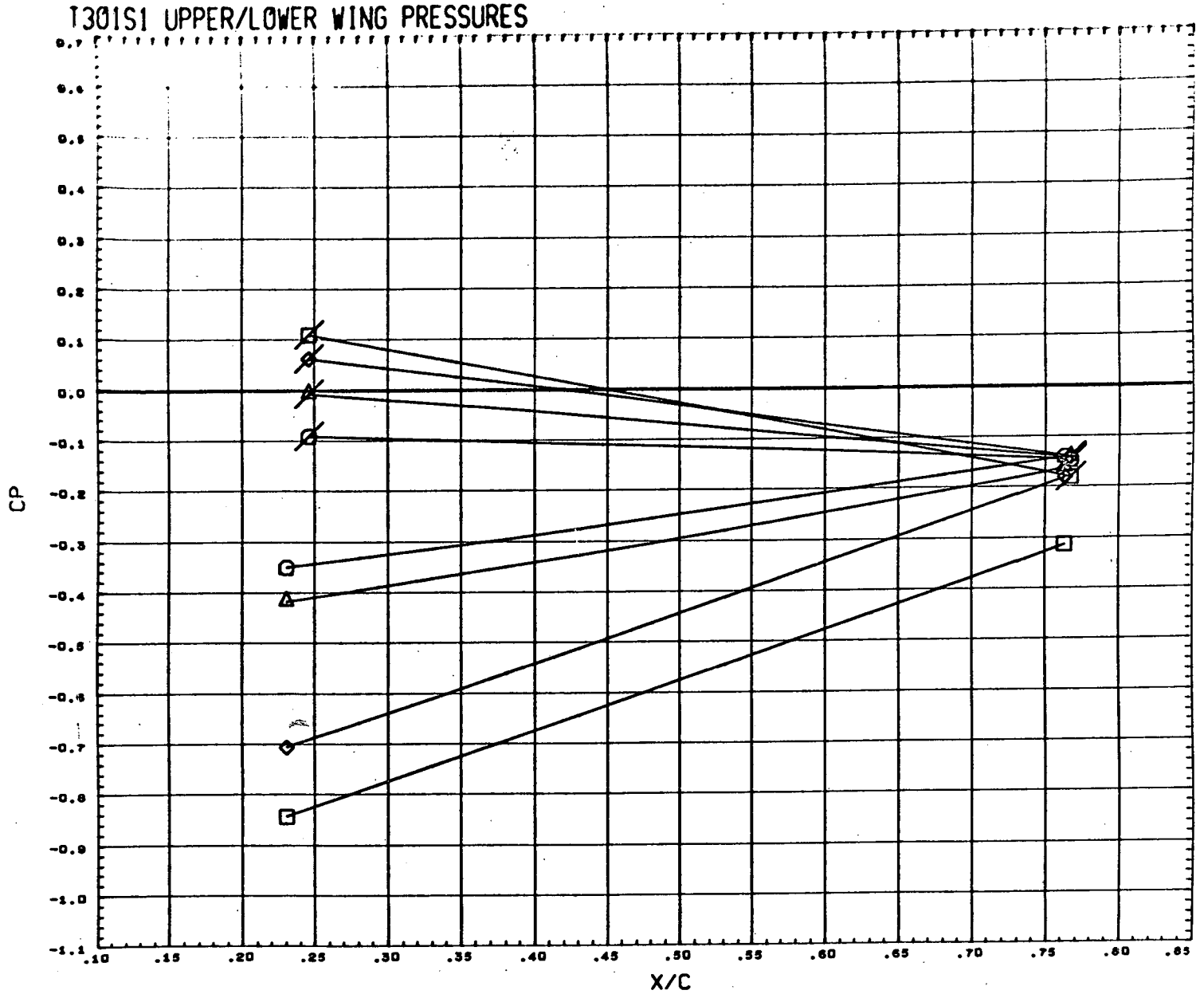
SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	0.601
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	0.601
△	4.000		
◇	6.000		
□	8.000		

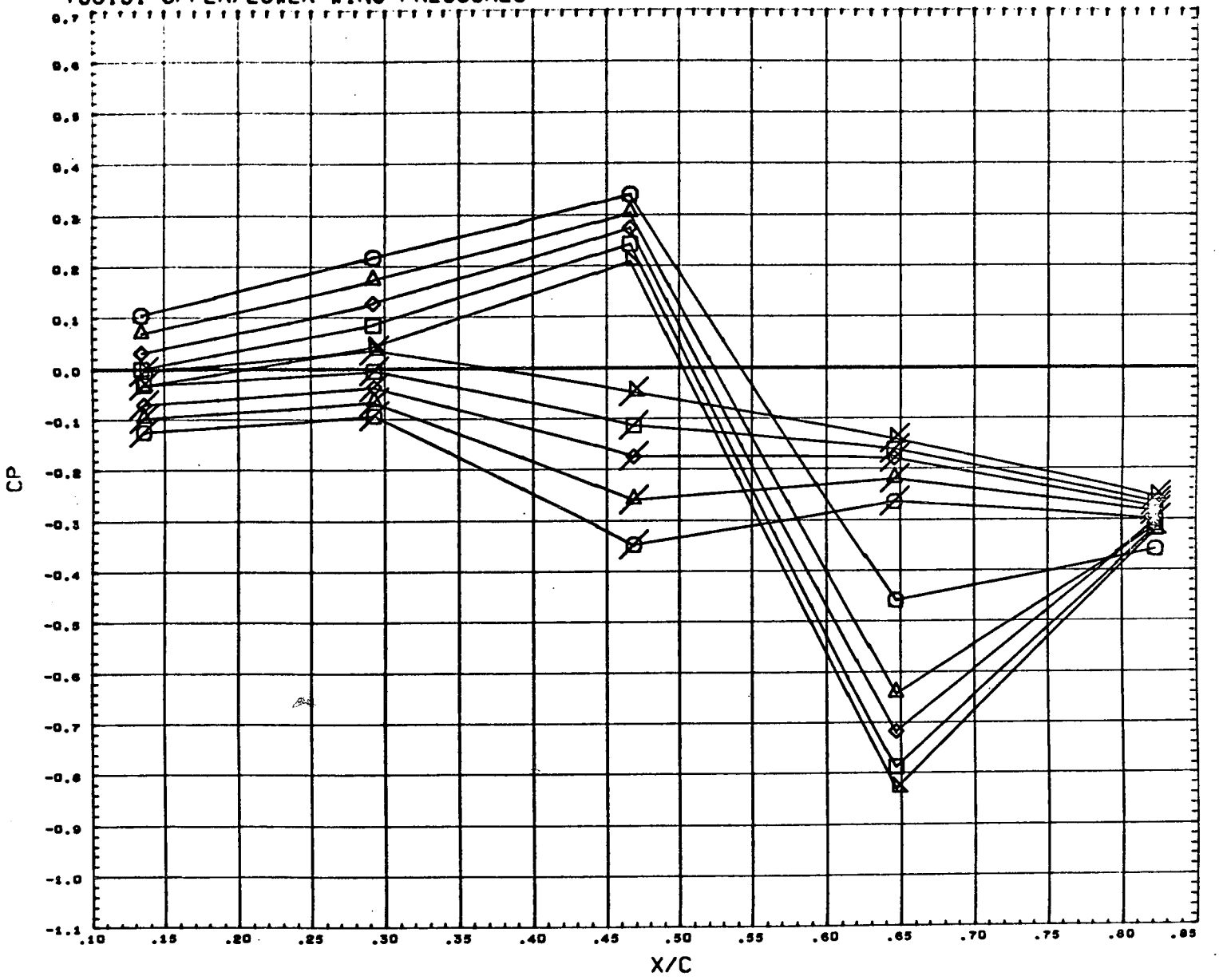
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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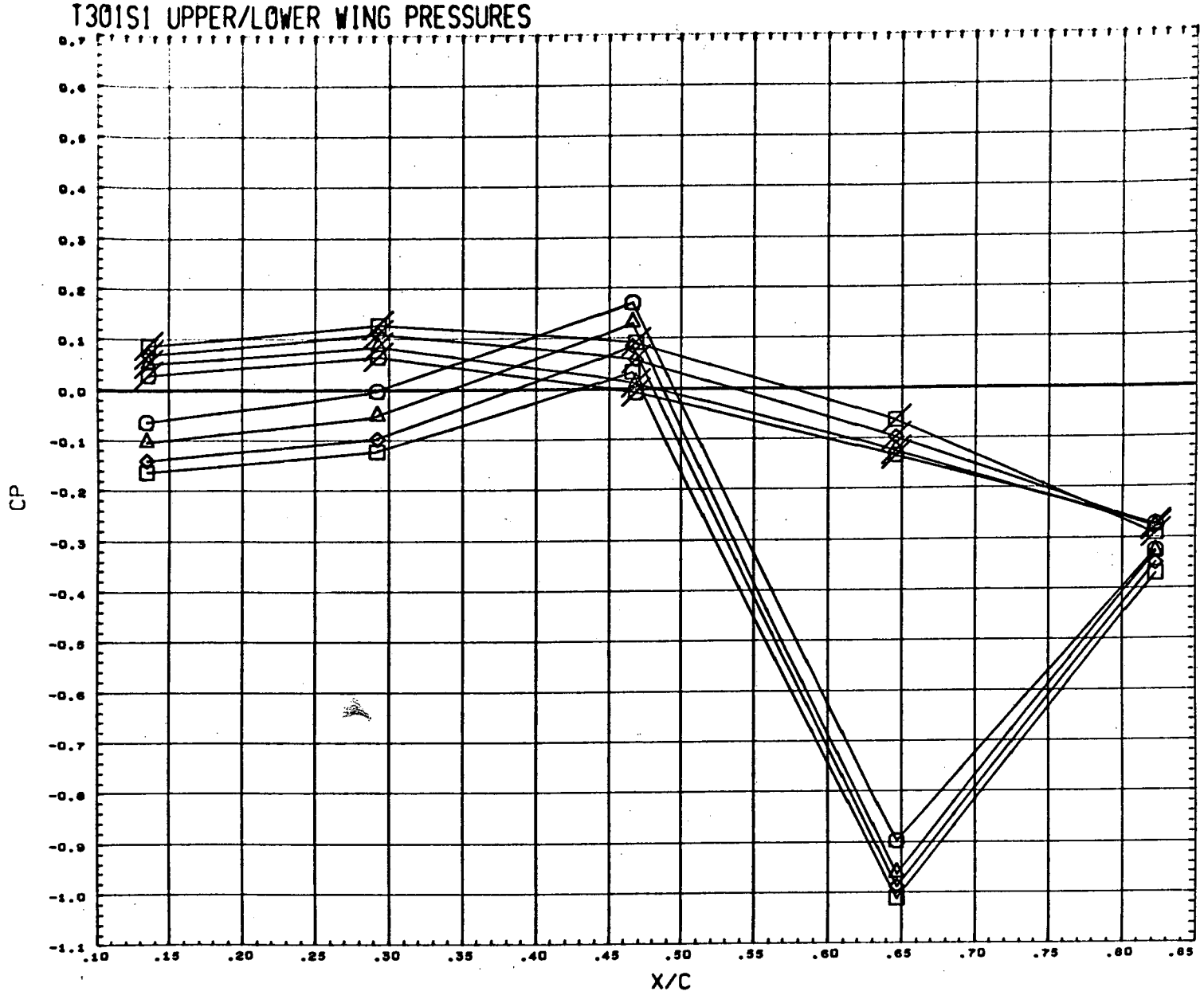
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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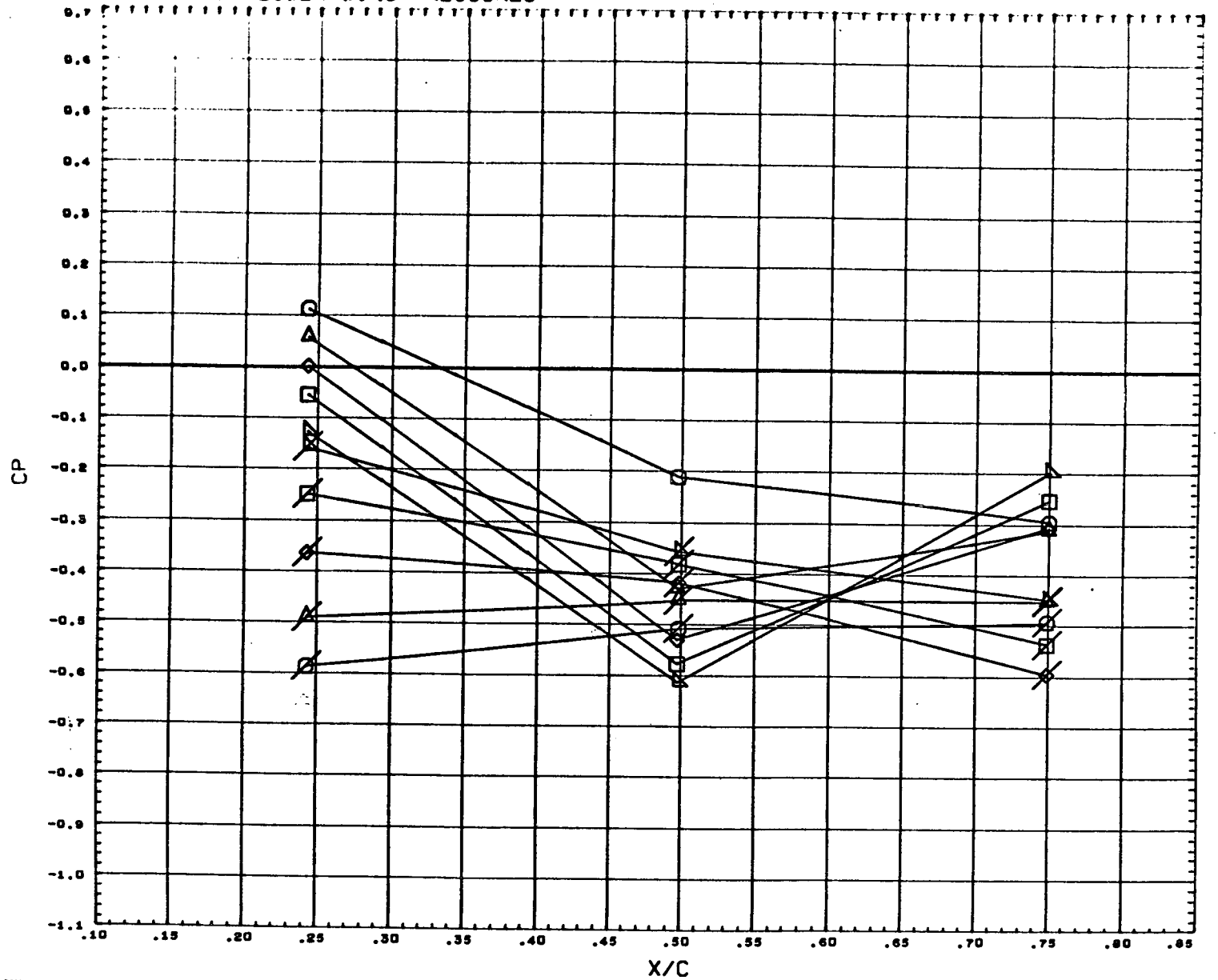
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



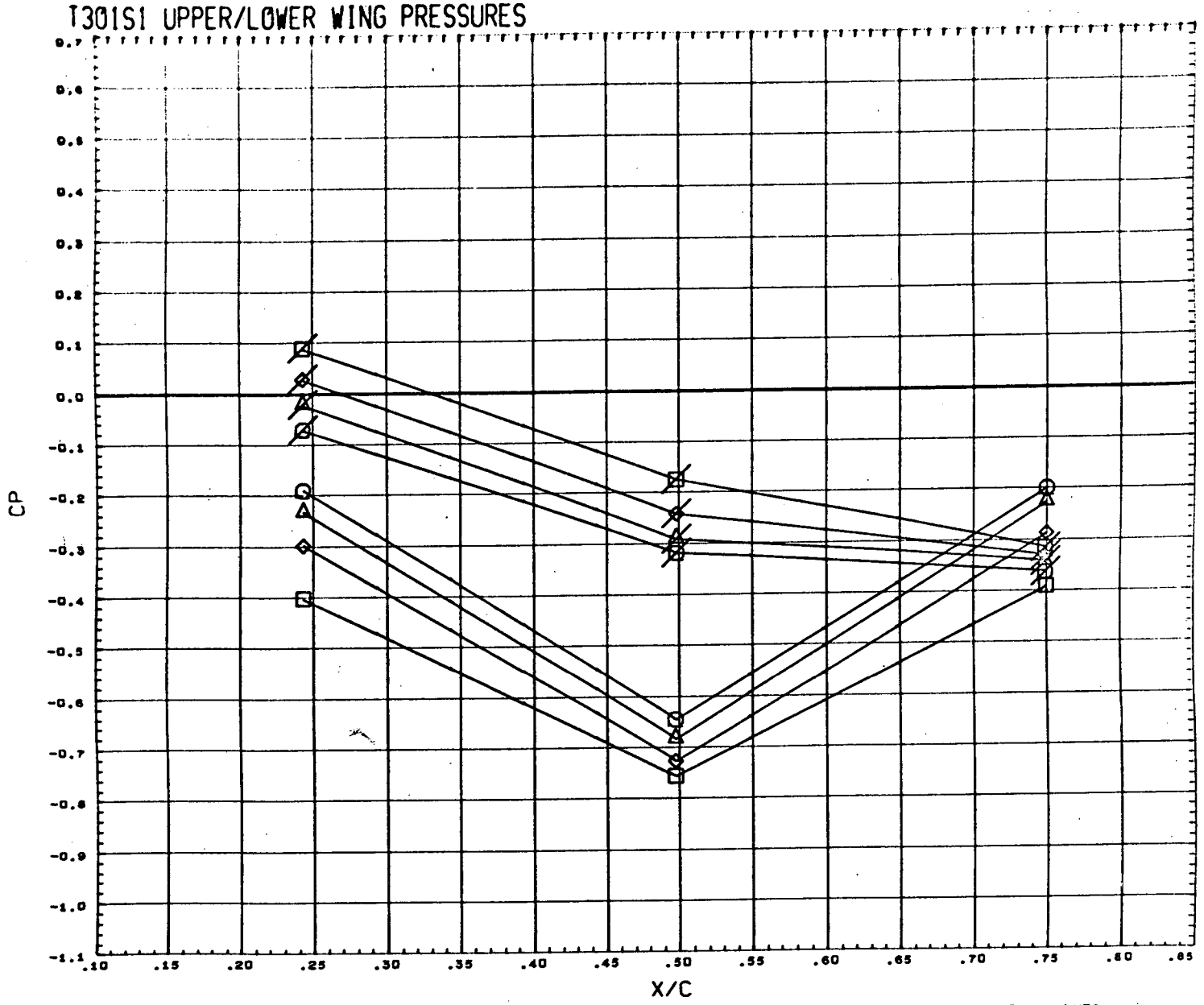
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	0.902
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



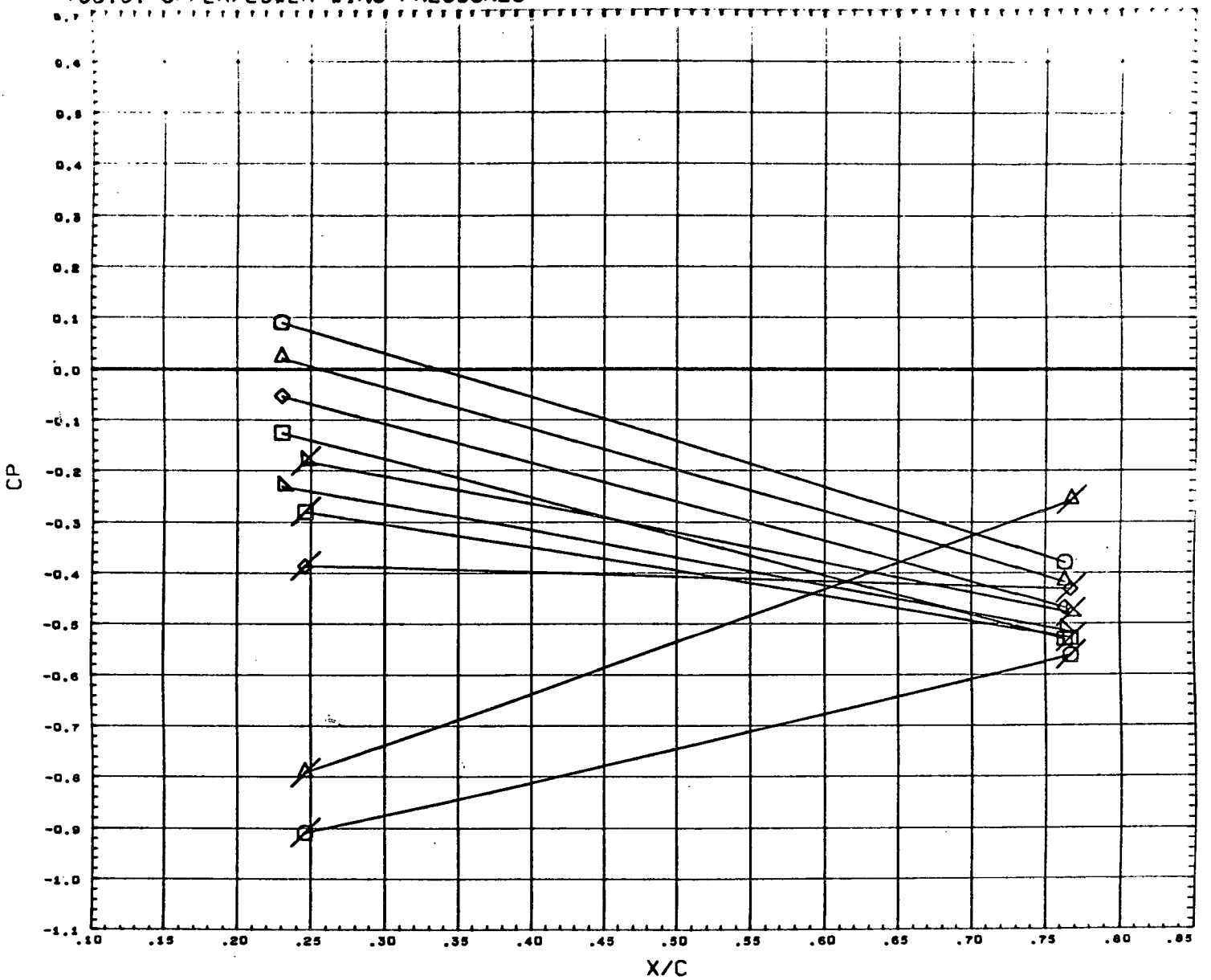
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	0.902
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



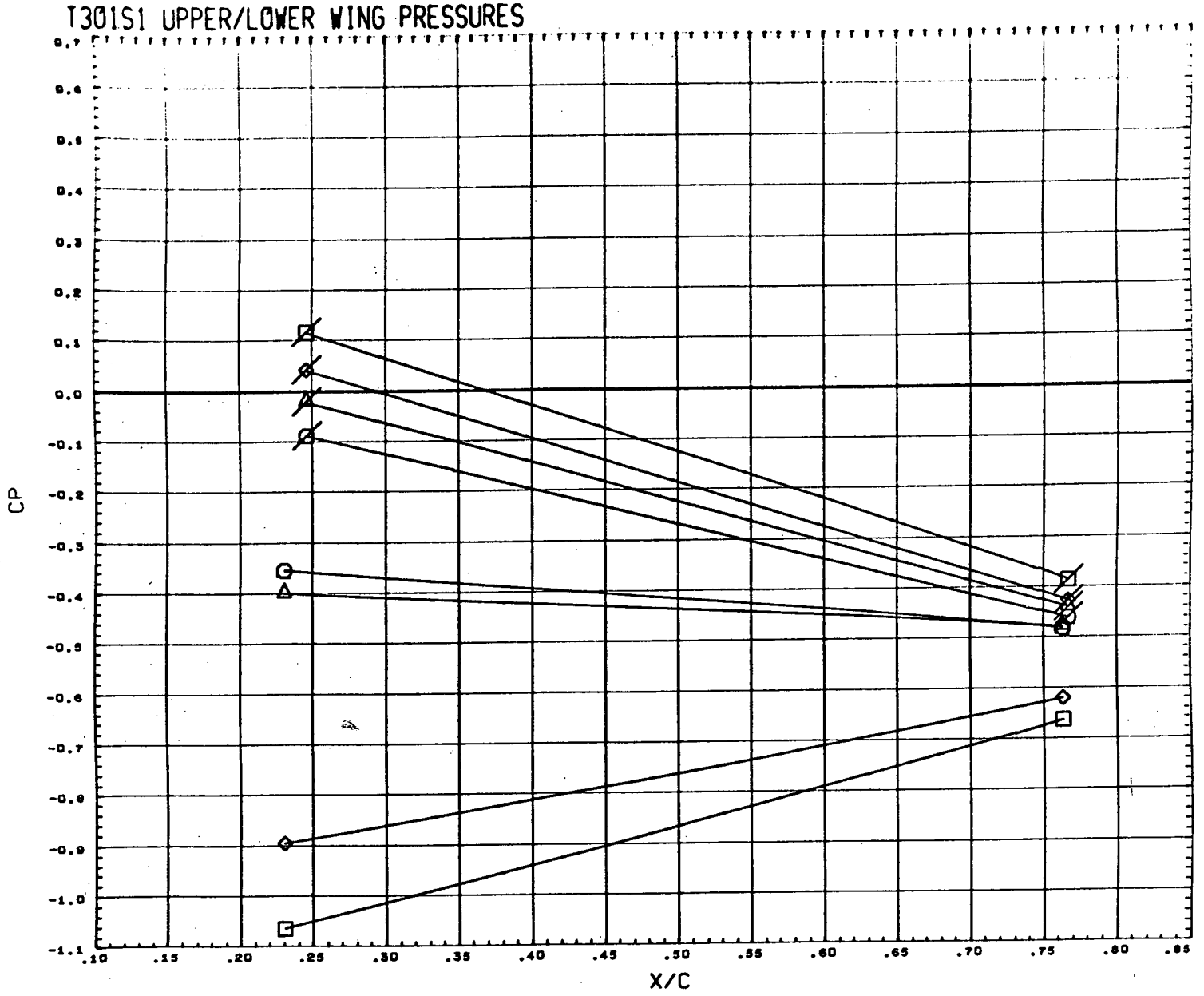
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	0.902
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



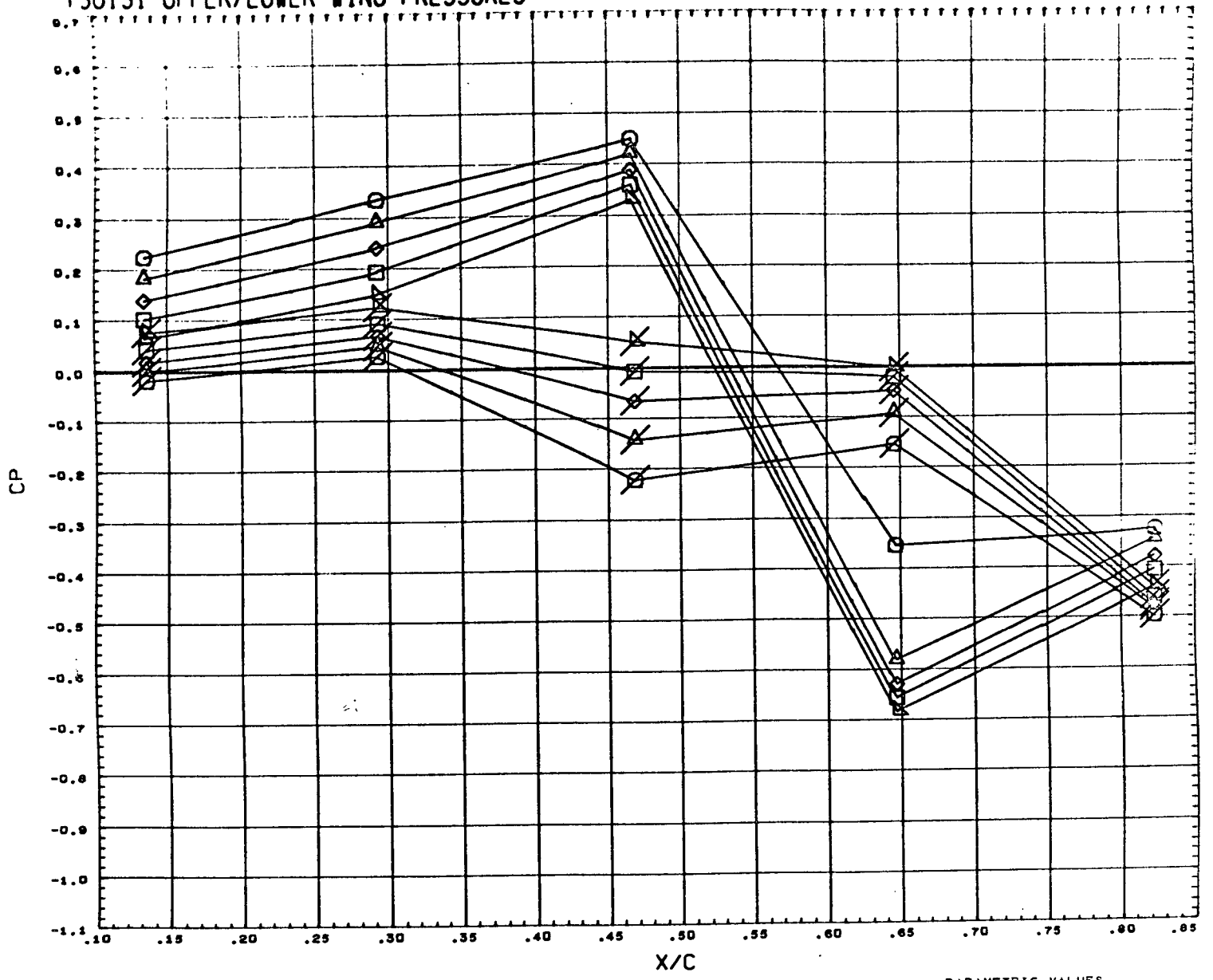
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.645	0.902
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



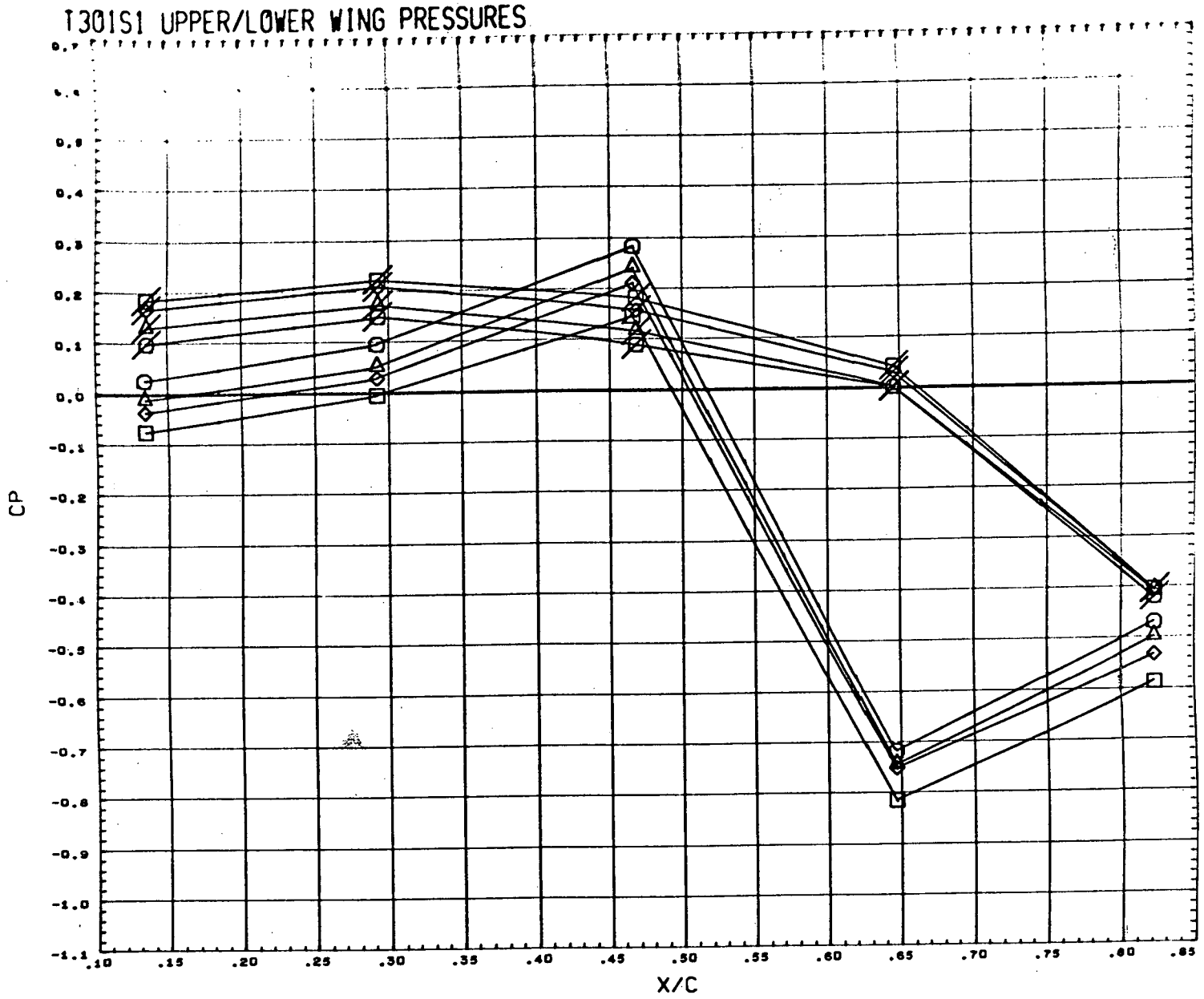
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.001
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.001
△	4.000		
◇	6.000		
□	8.000		

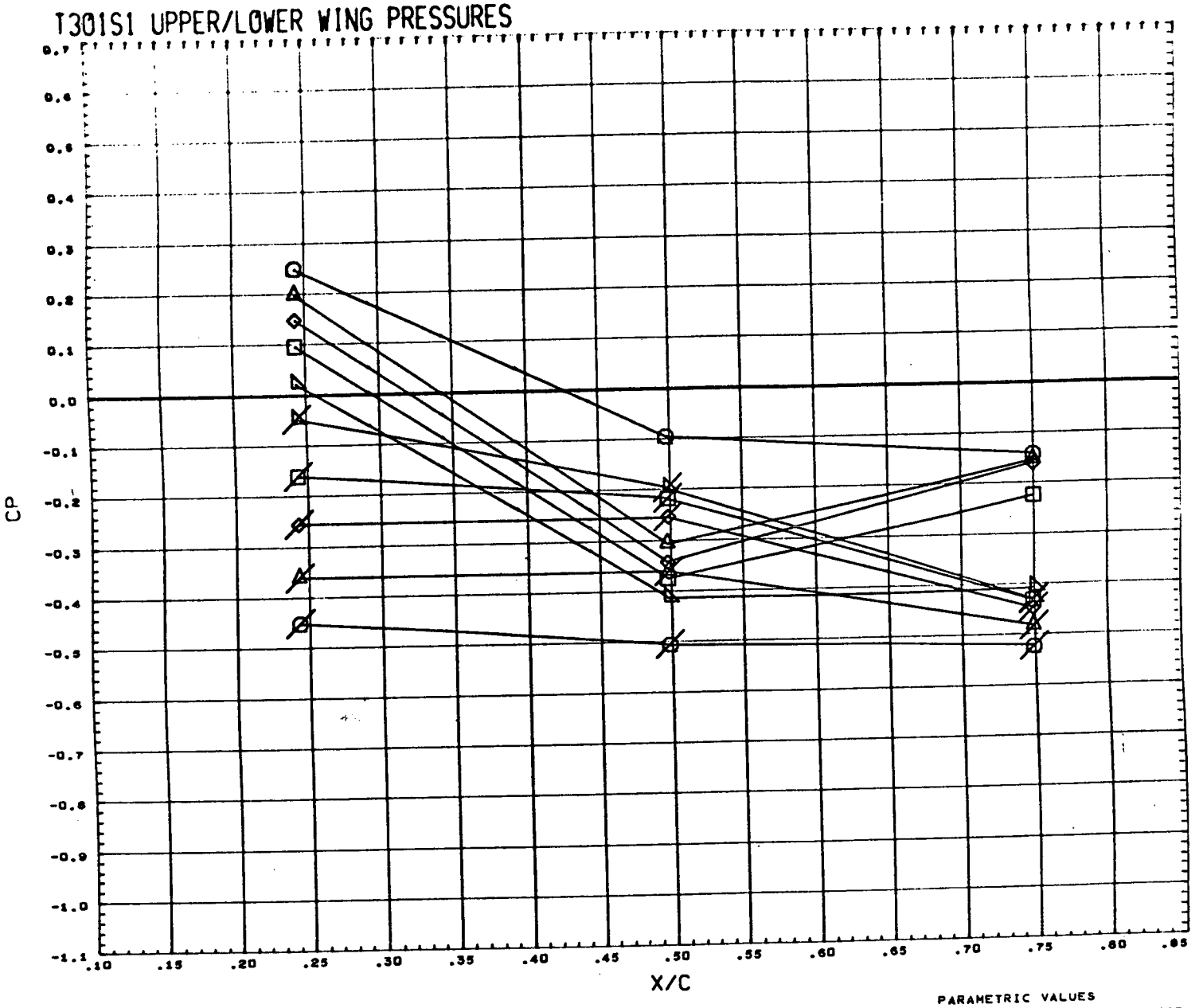
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



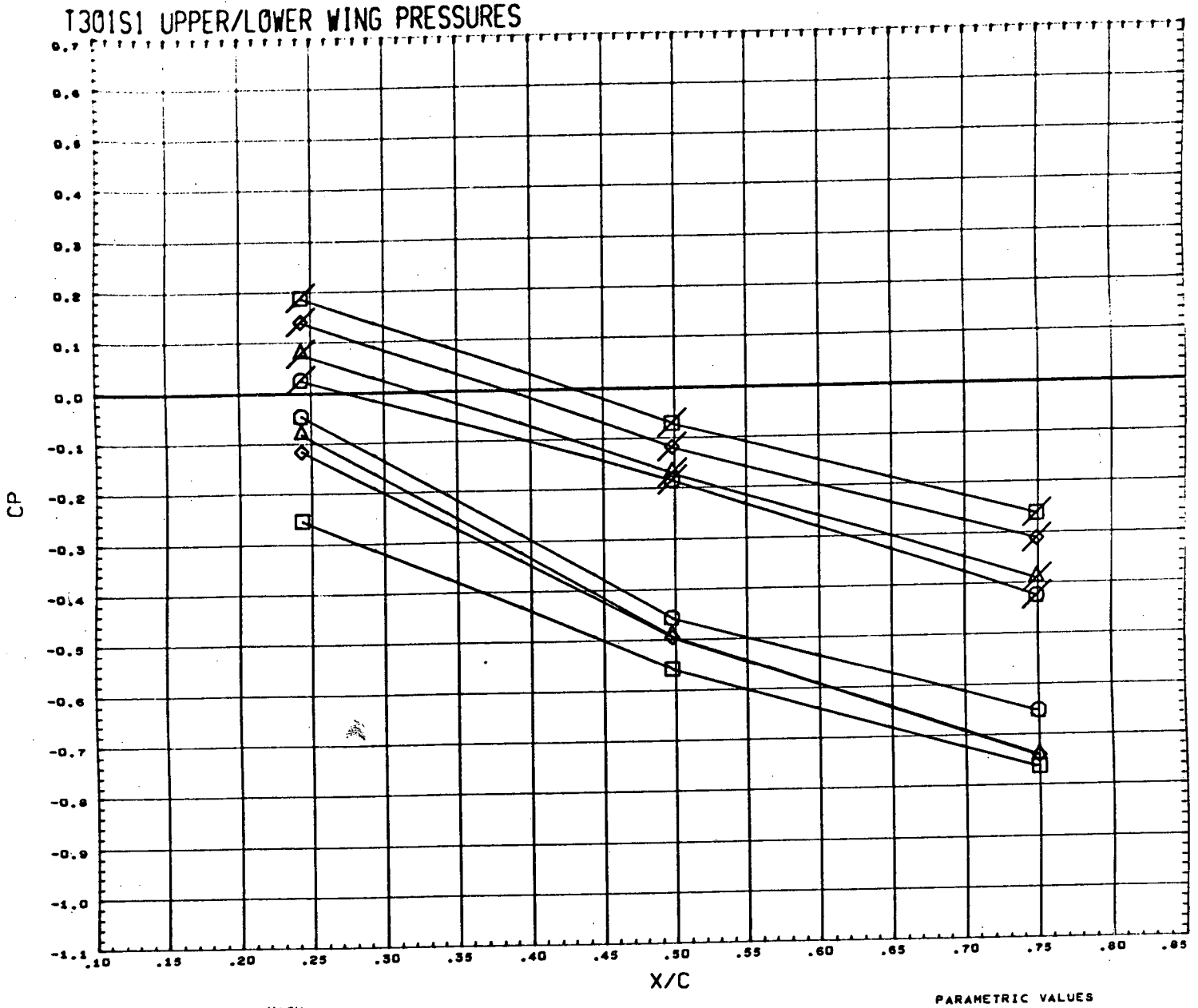
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.001
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



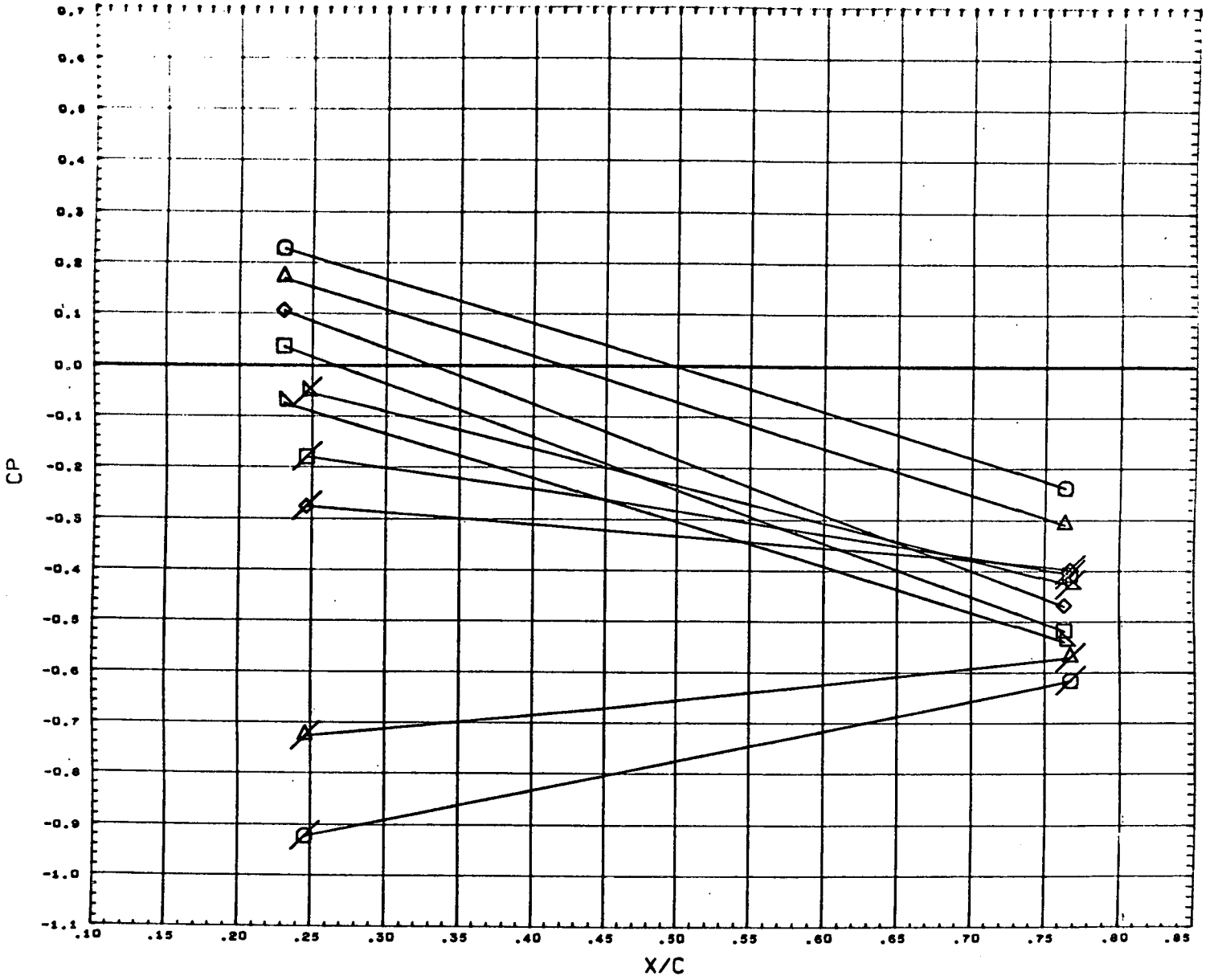
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.001
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



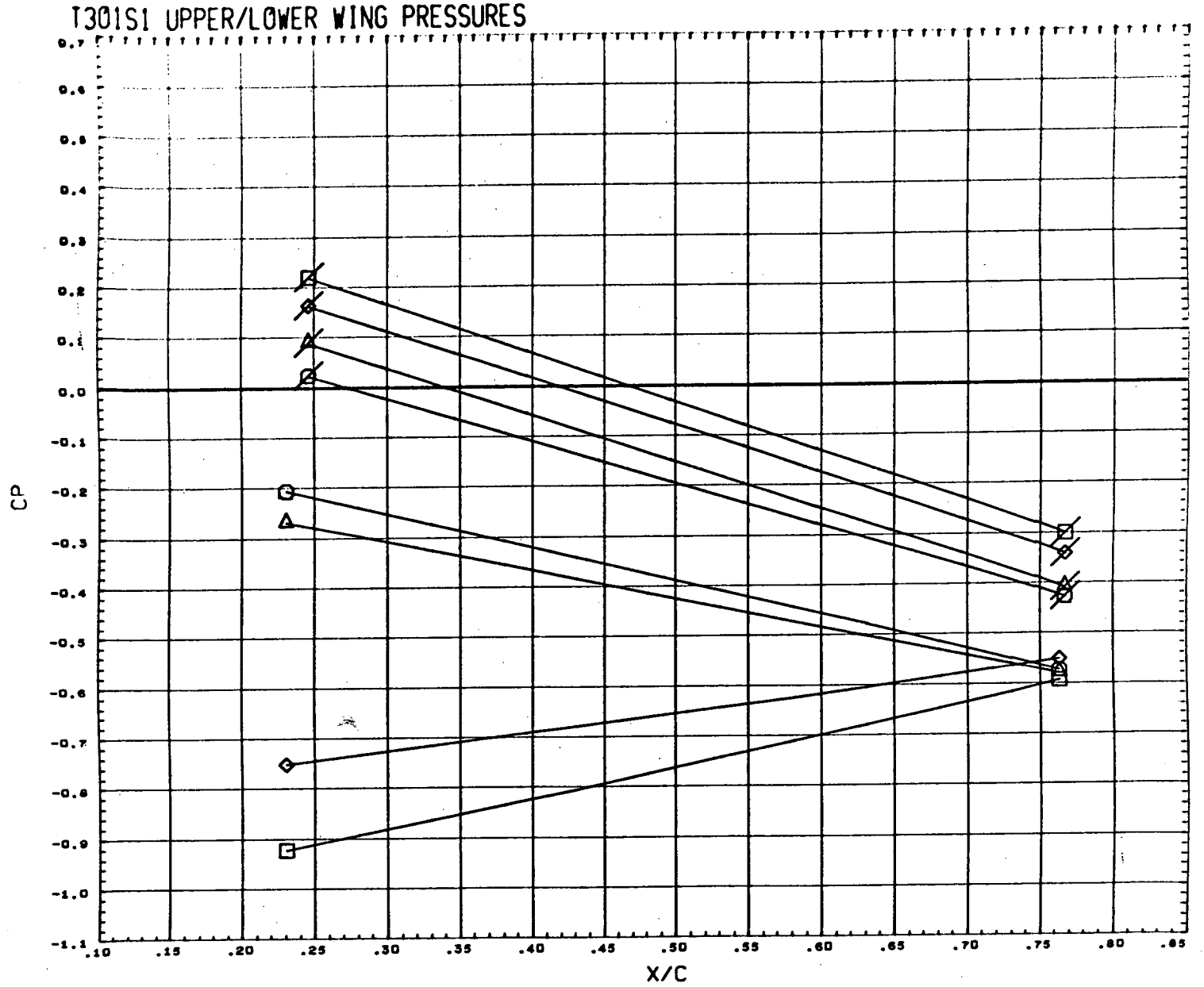
SYMBOL	ALPHA	Y/B	MACH
	8.000	0.845	1.001
	6.000		
	4.000		
	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.001
△	4.000		
◇	6.000		
□	8.000		

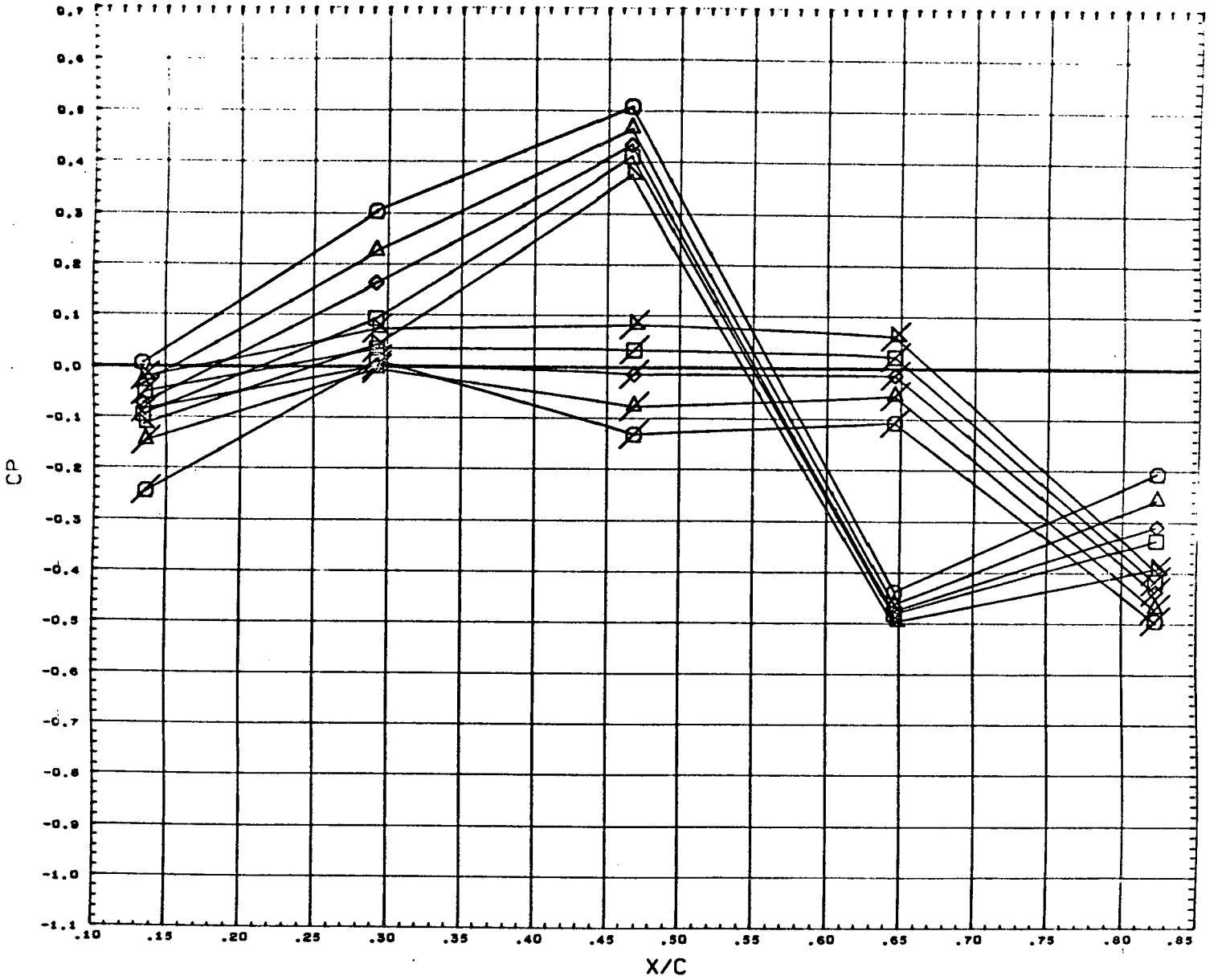
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



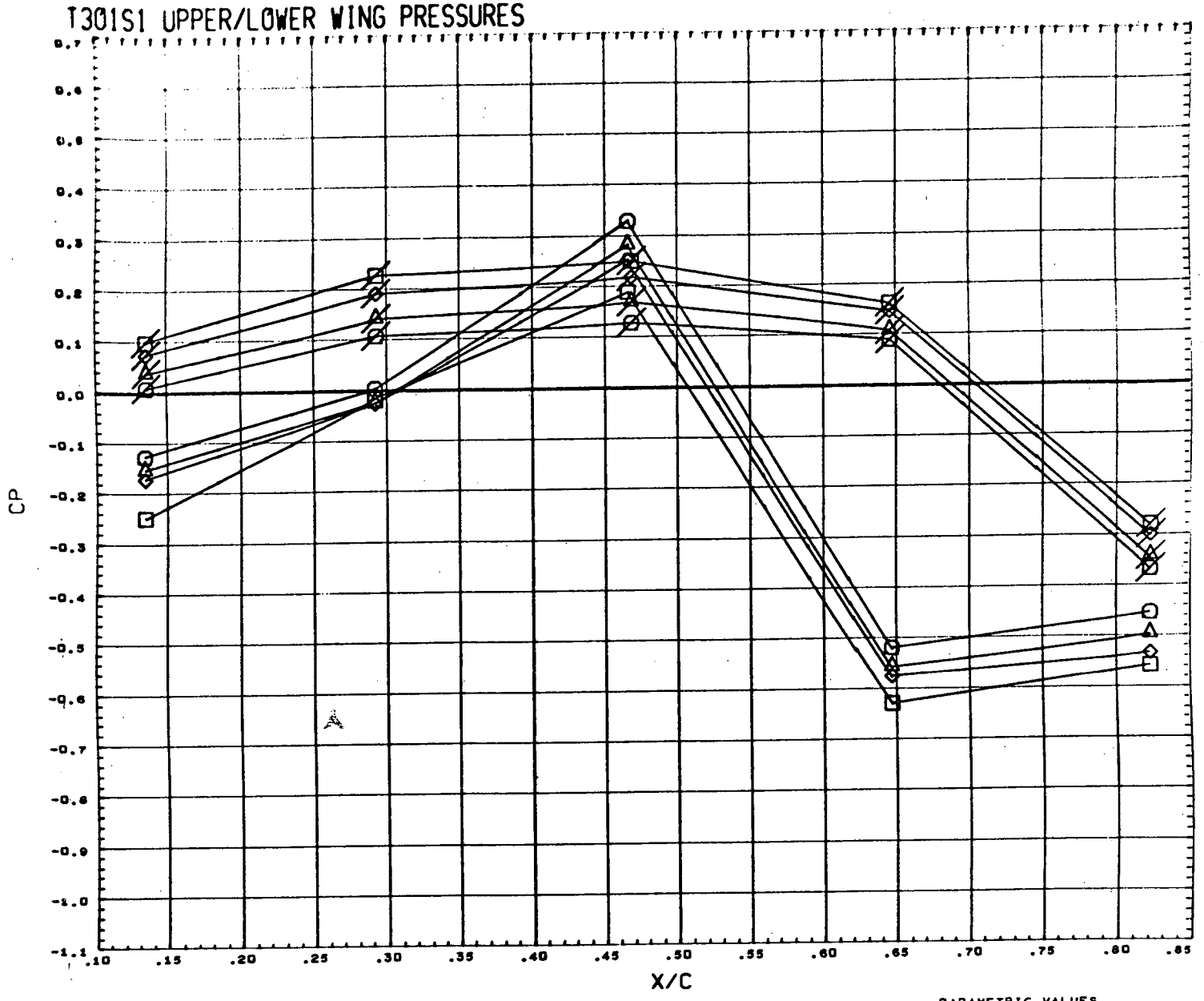
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.102
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.102
△	4.000		
◇	6.000		
□	8.000		

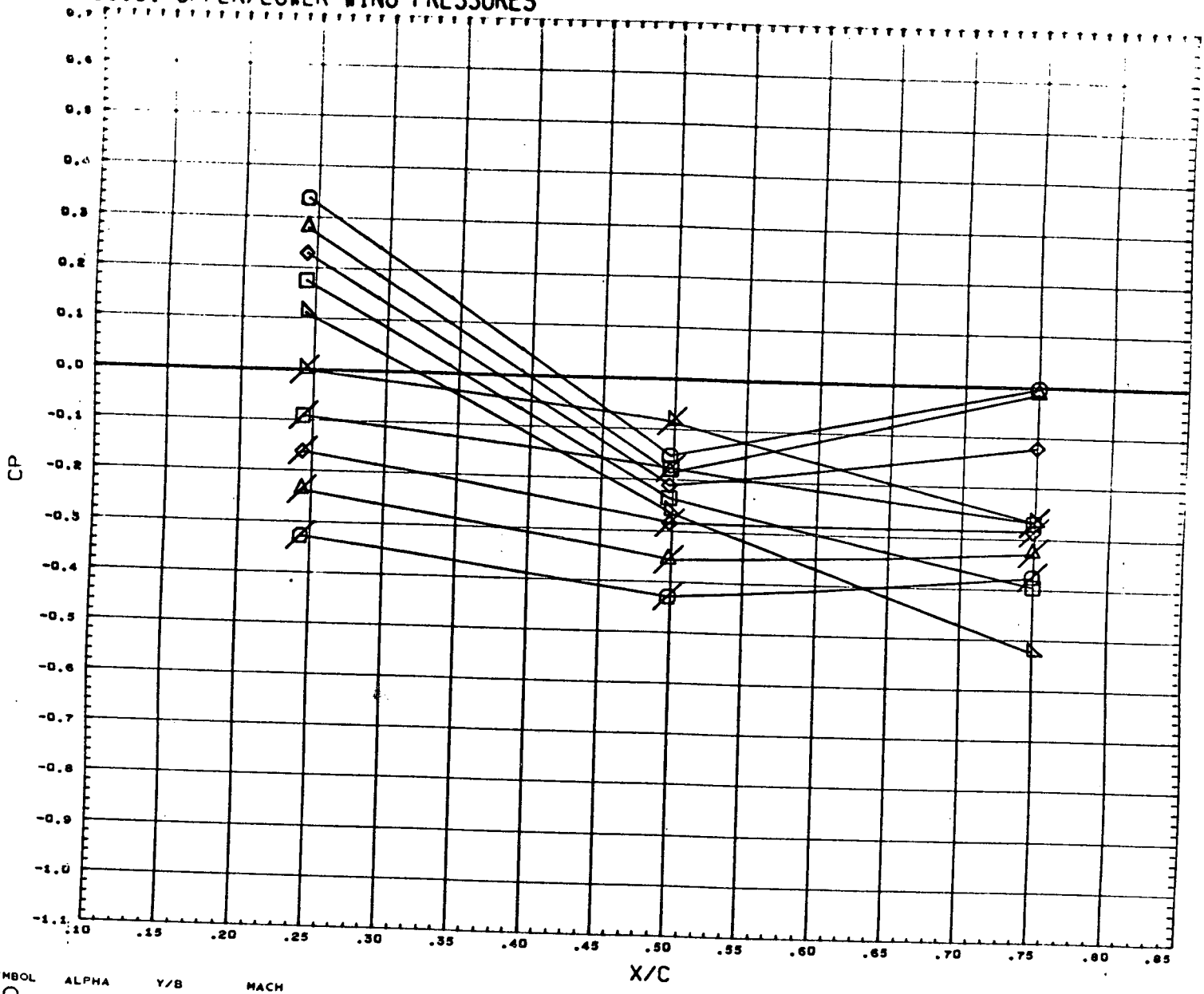
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○ △	8.000	0.560	1.102
◇	6.000		
□	4.000		
▷	2.000		
	0.000		

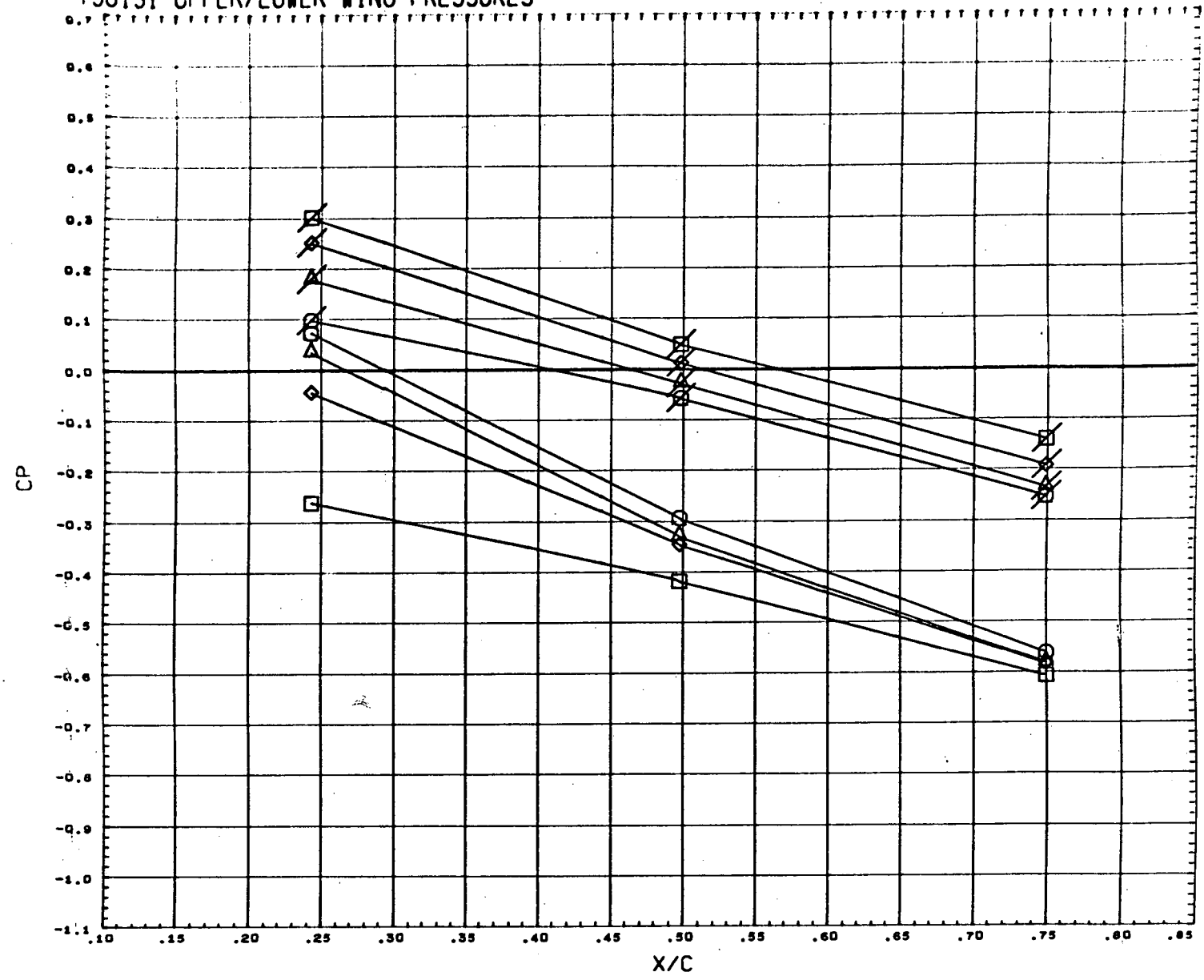
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



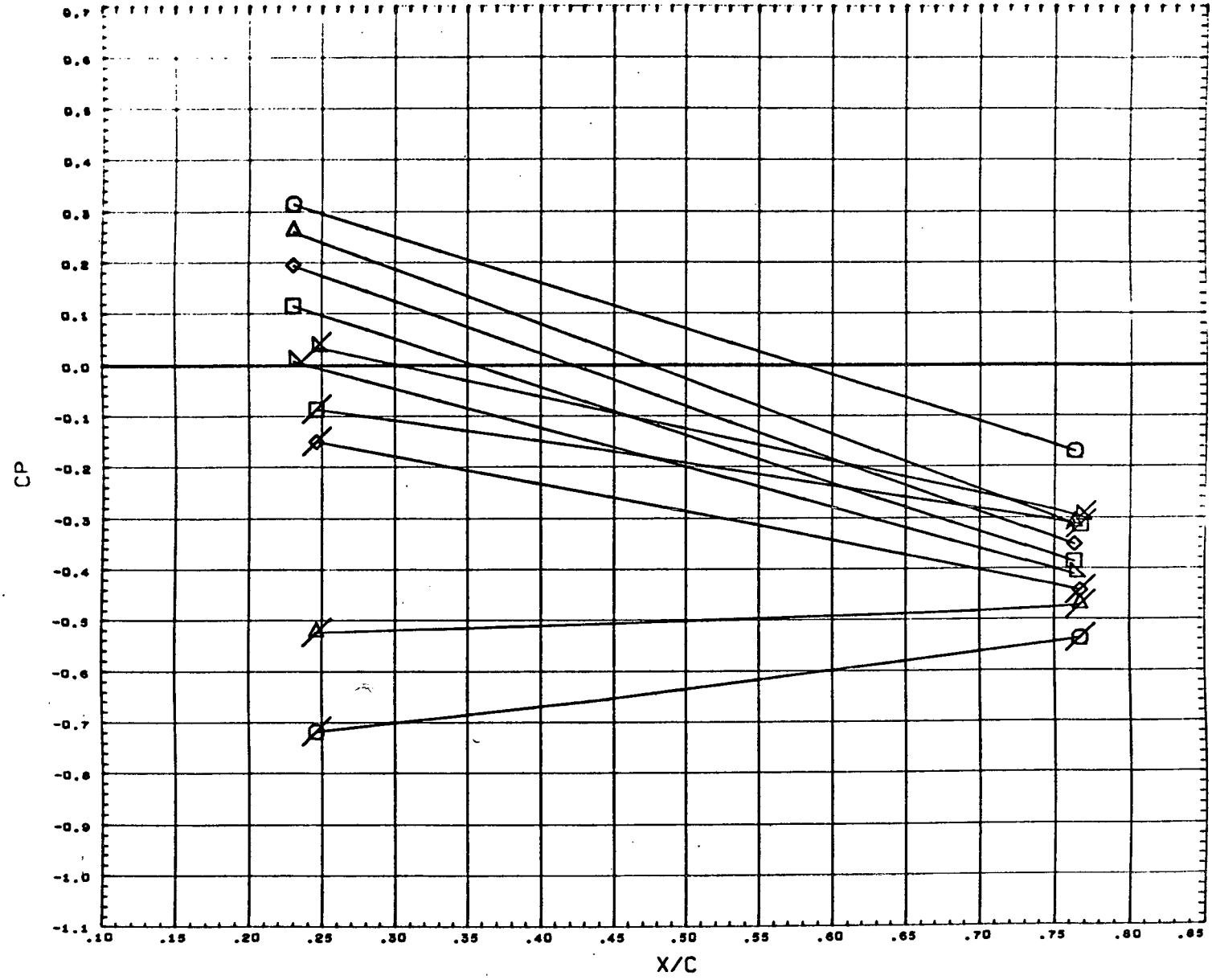
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.102
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



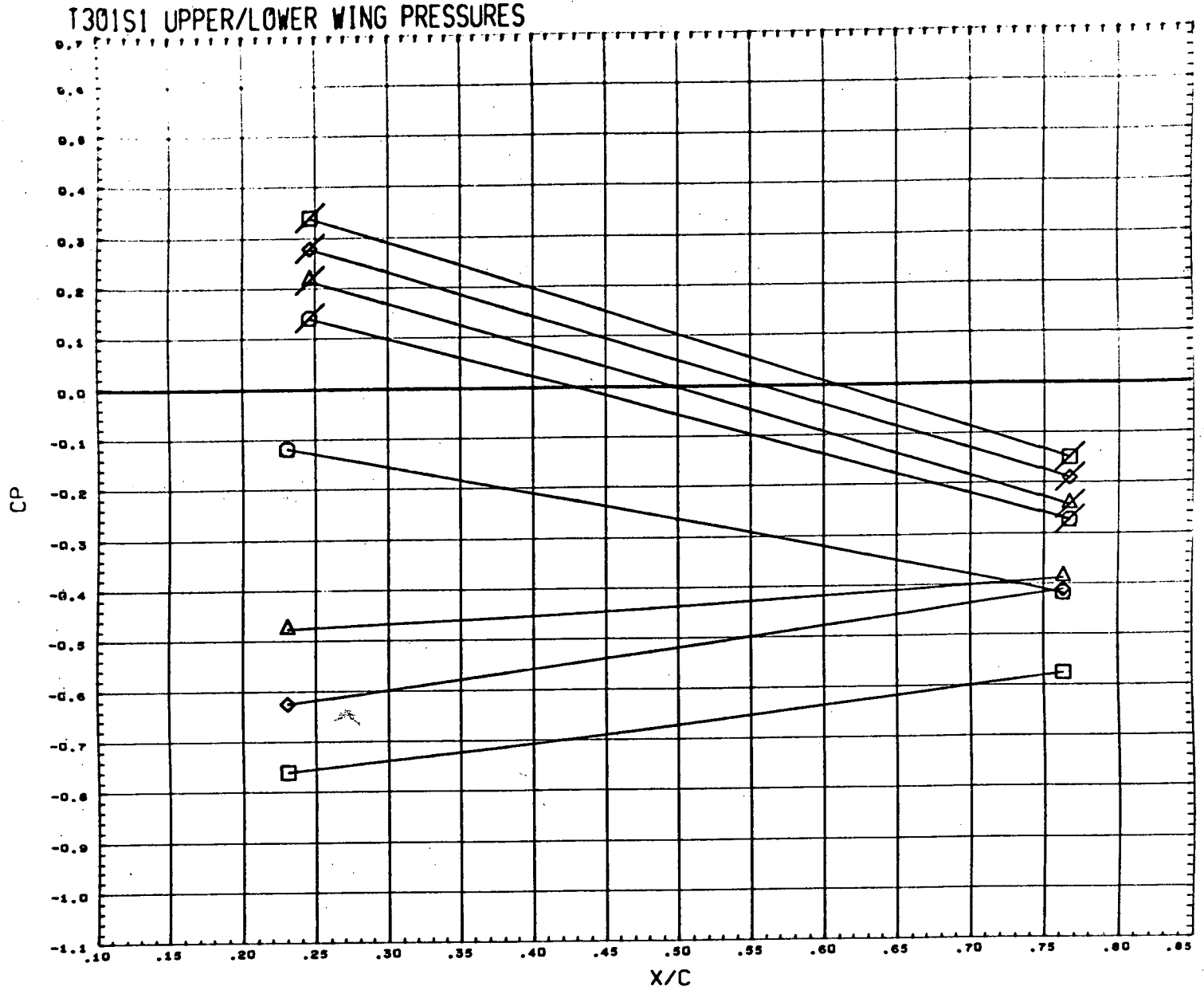
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.102
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



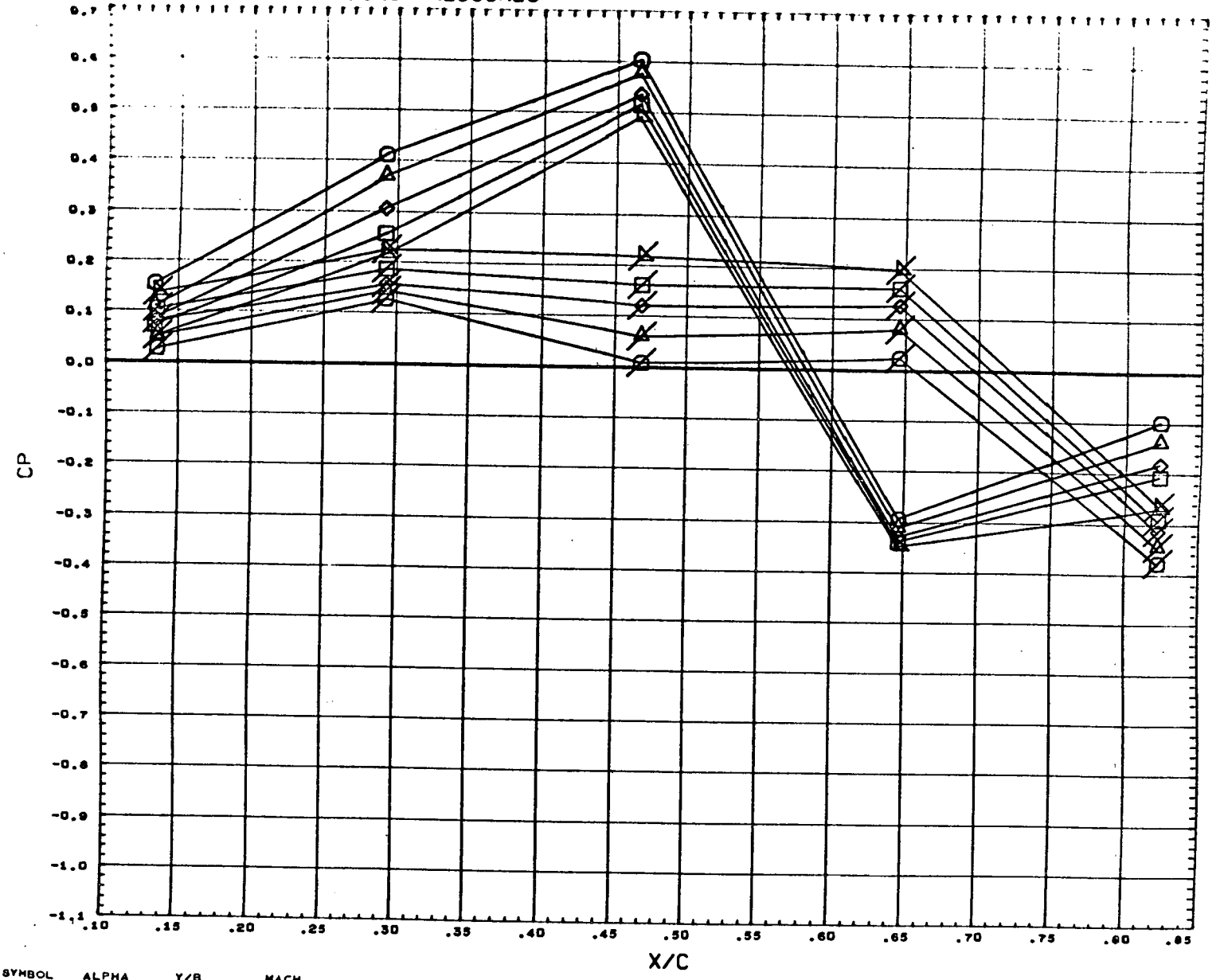
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.102
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



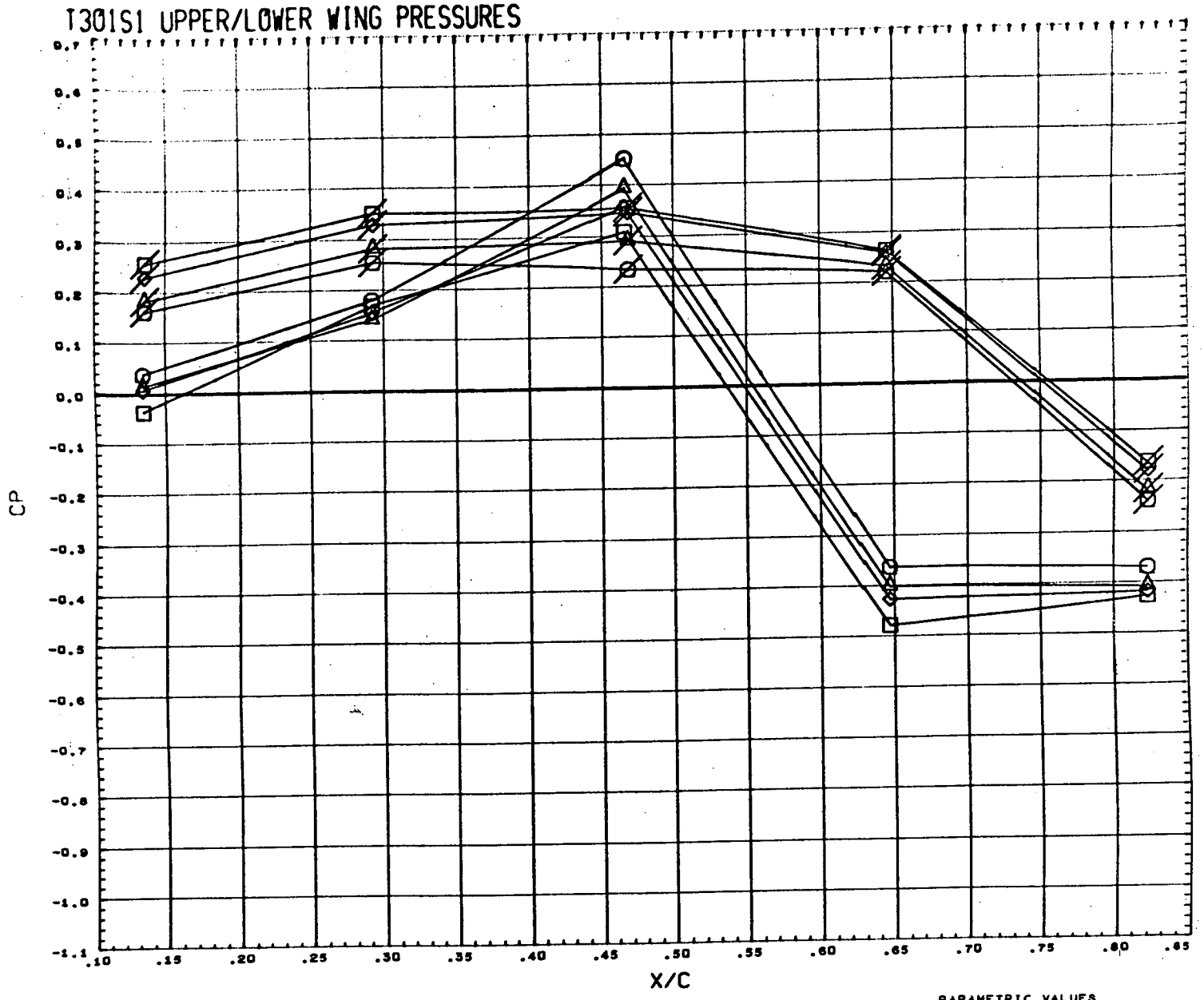
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.195
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



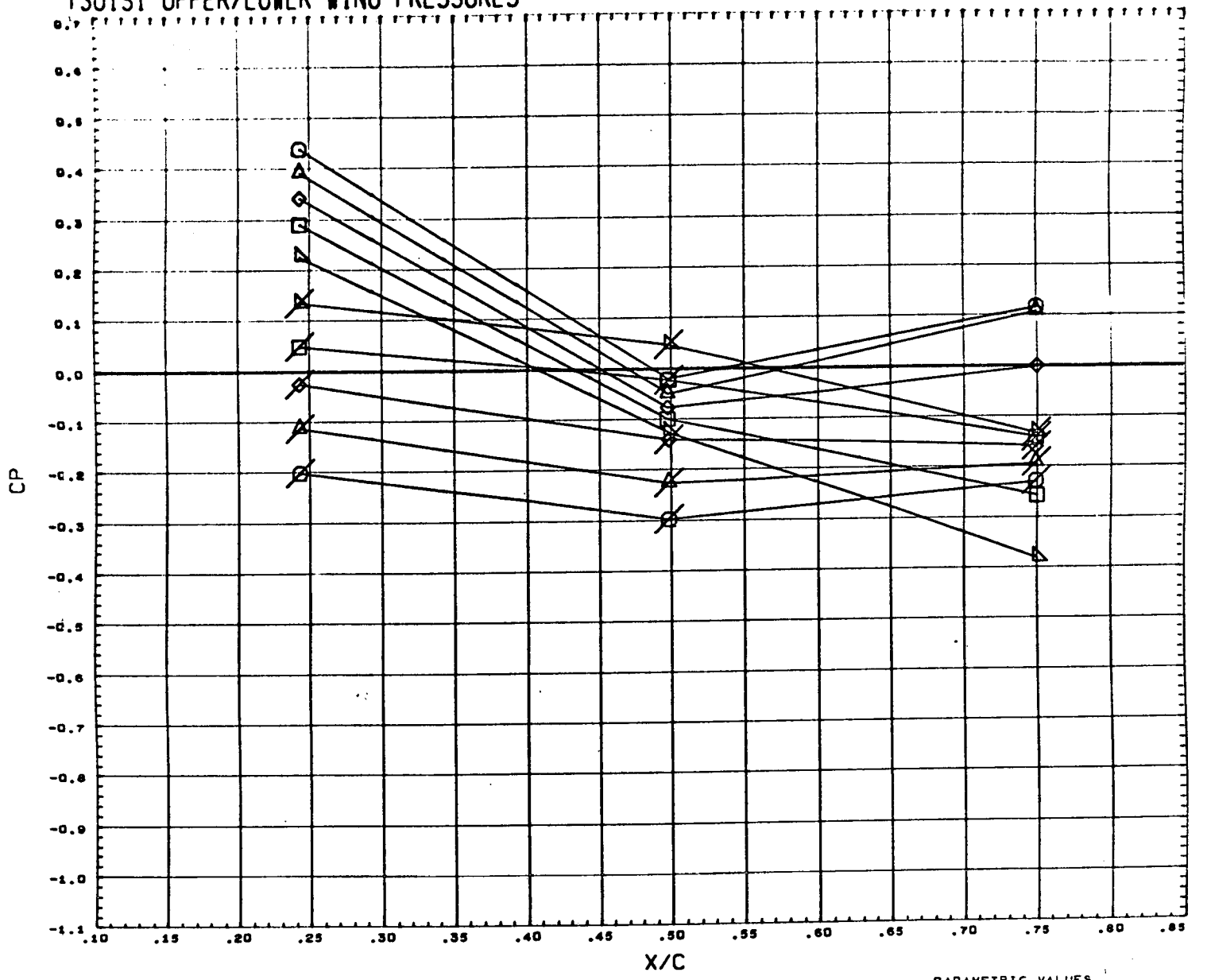
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



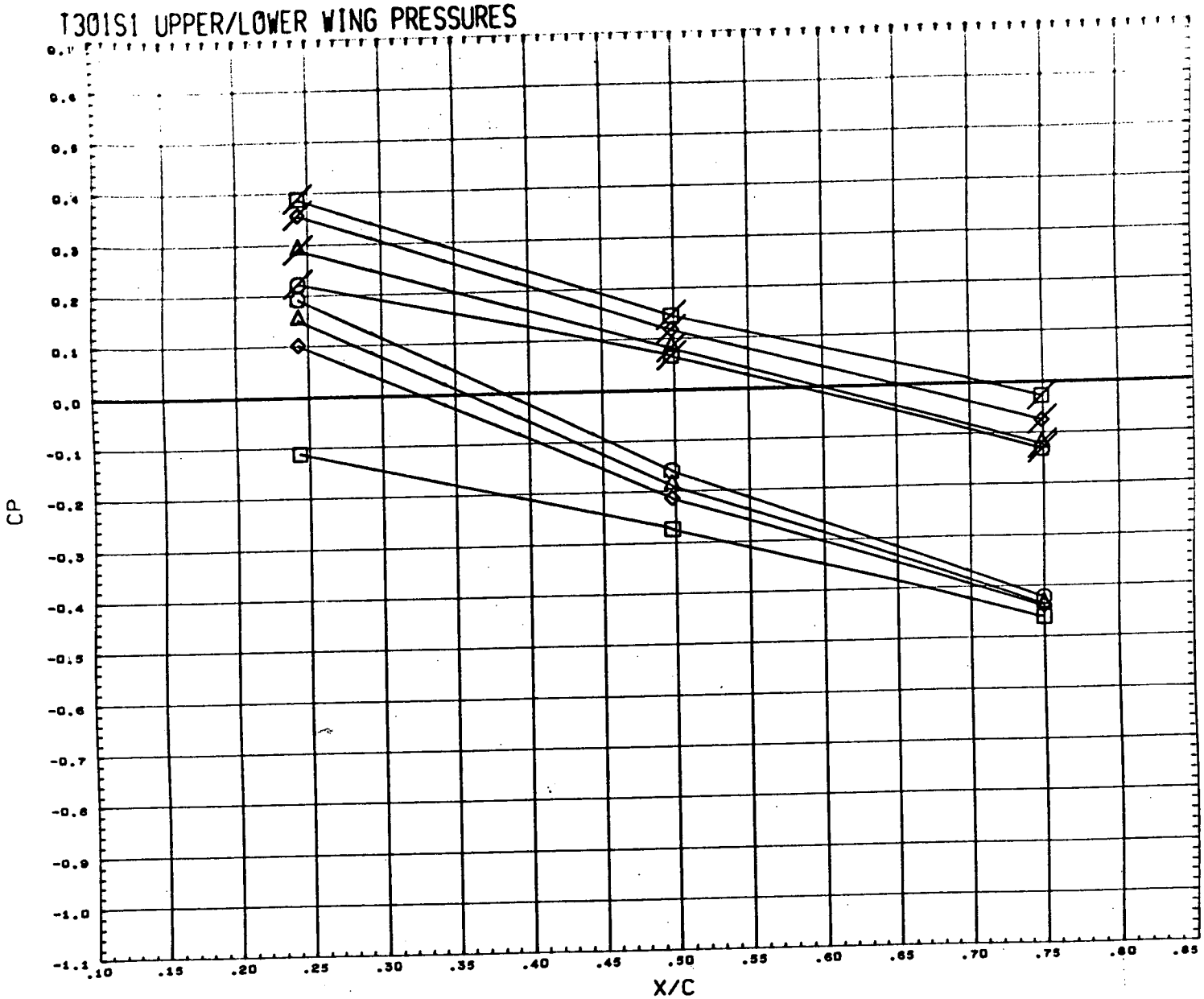
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.195
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



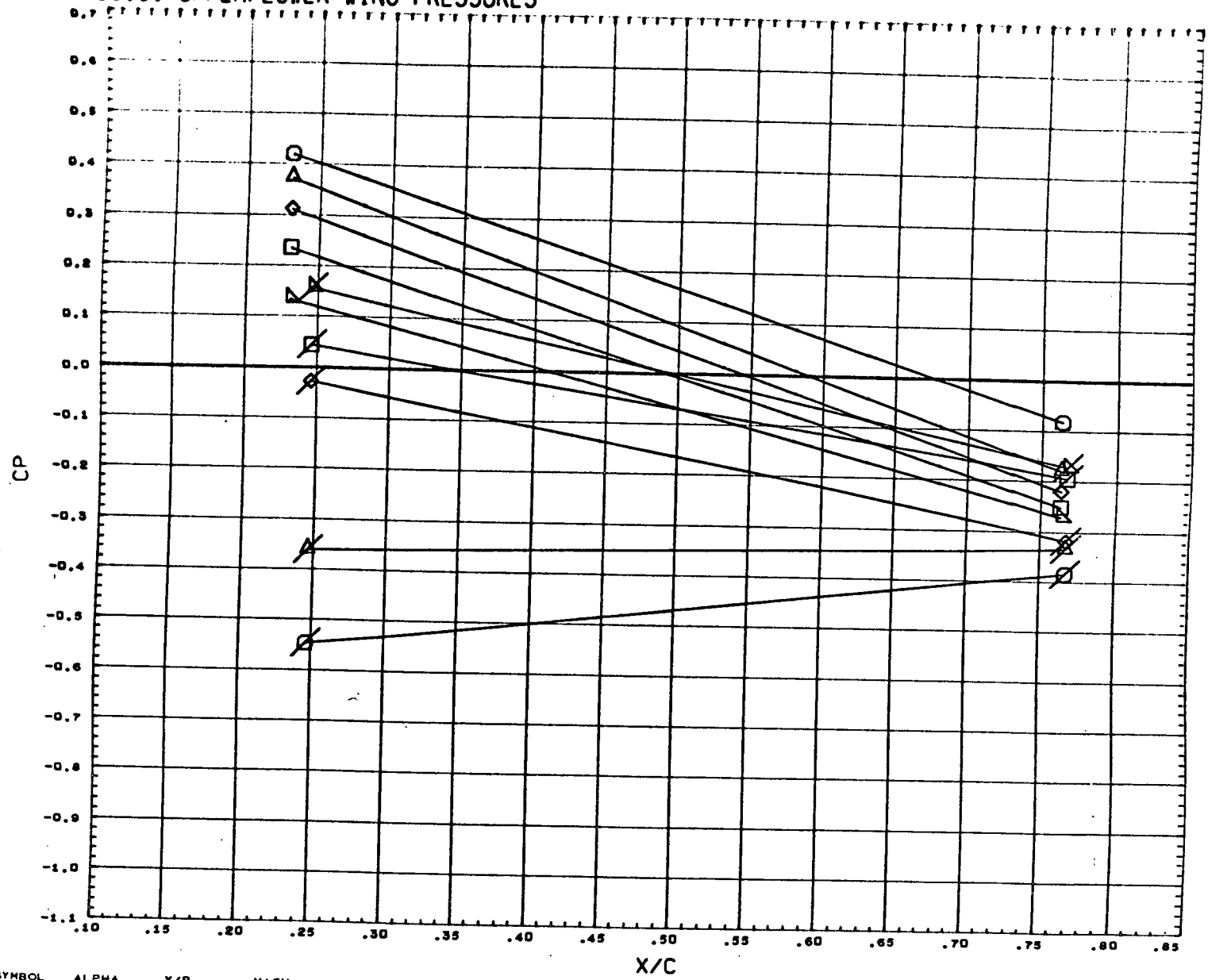
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.195
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.195
△	6.000		
◇	4.000		
□	2.000		
◪	0.000		

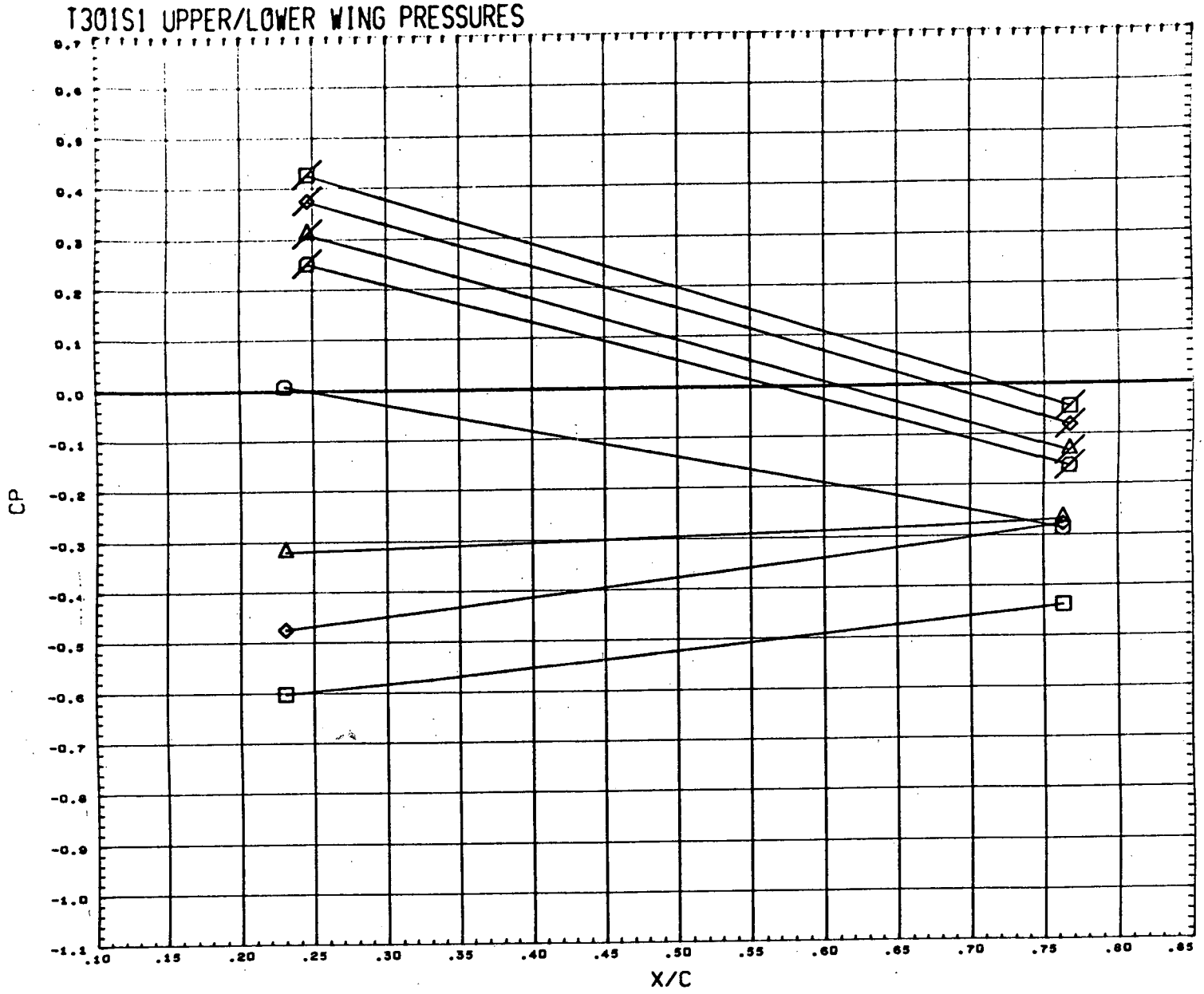
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.195
△	4.000		
◇	6.000		
□	8.000		

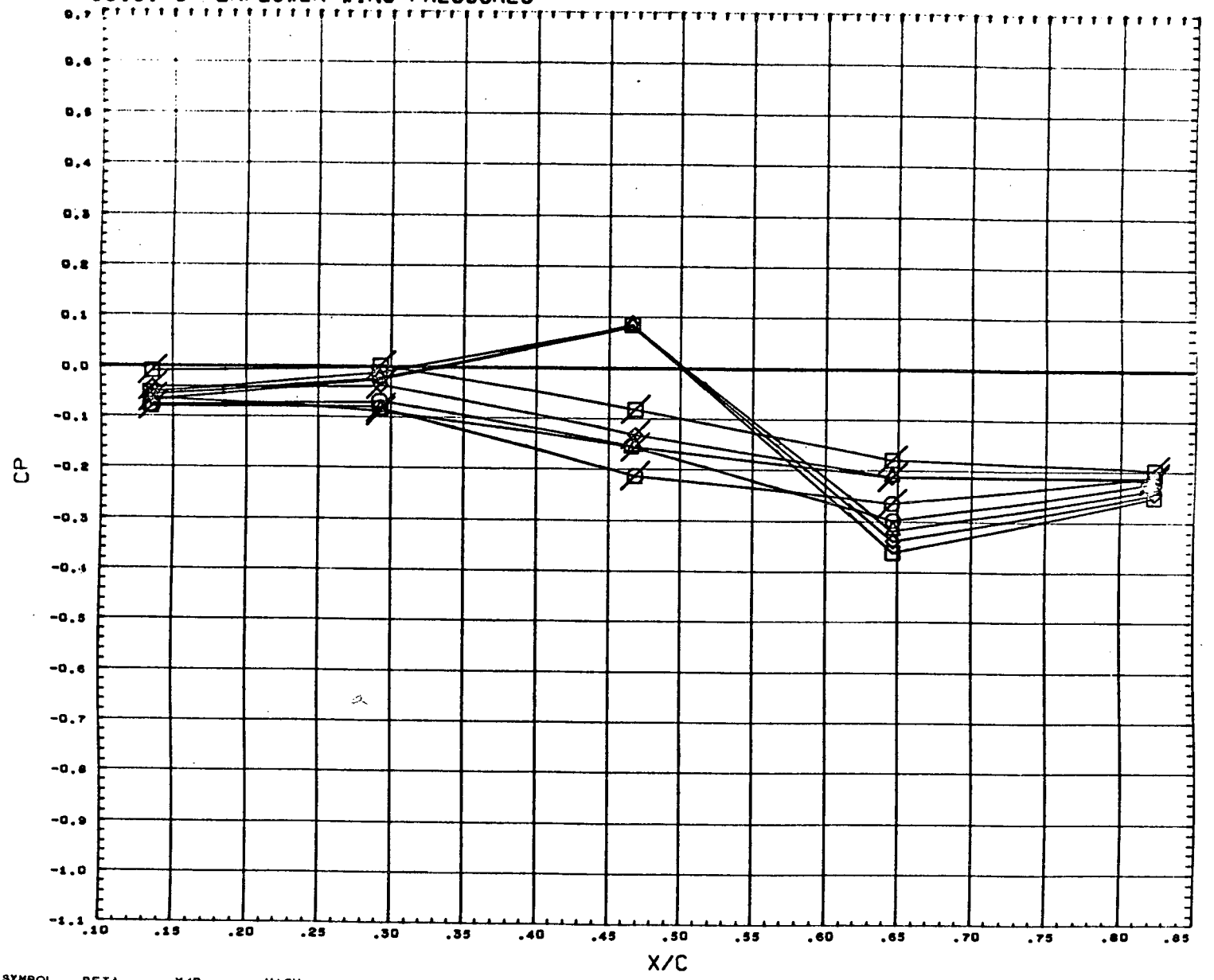
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73027)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73027)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



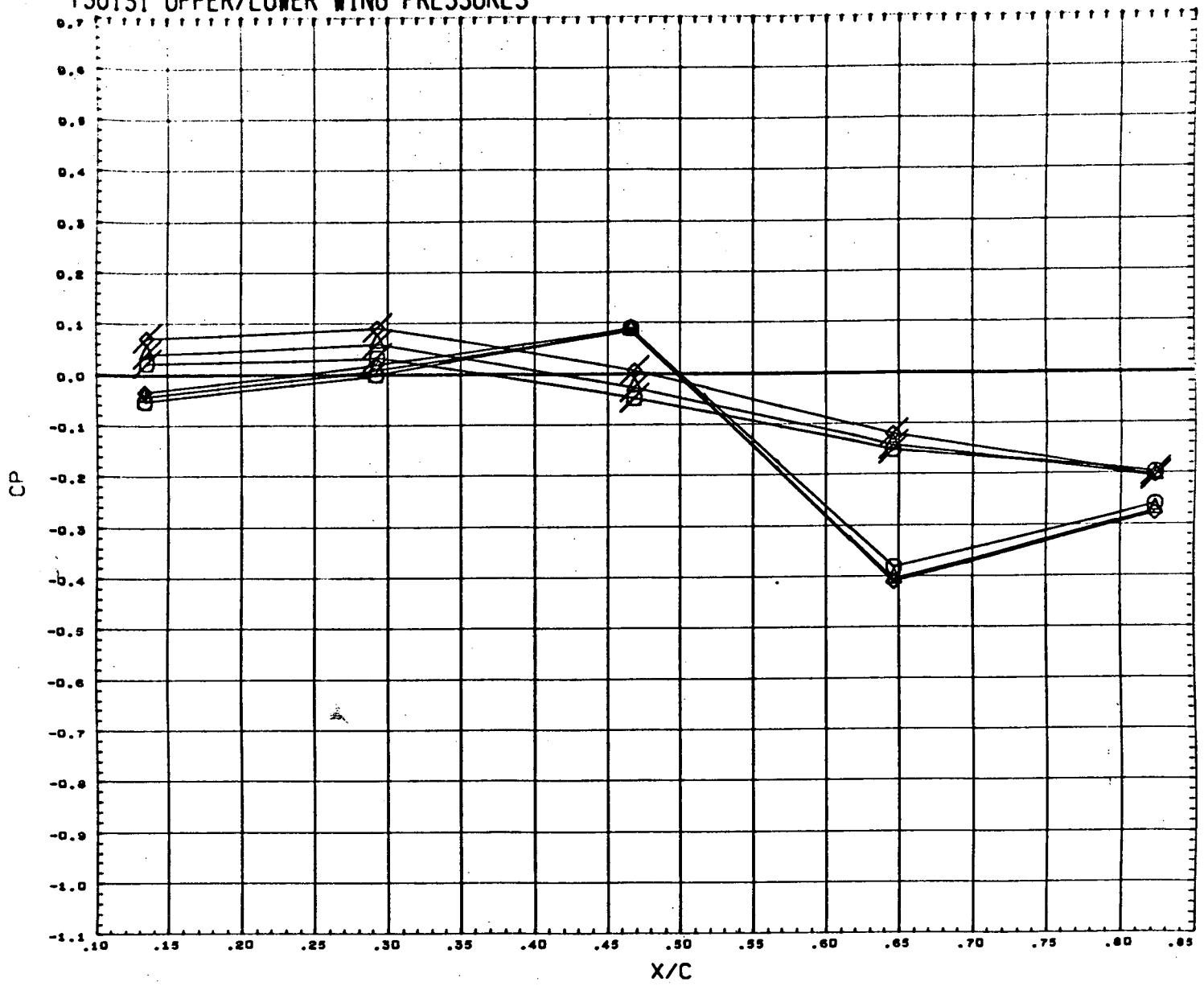
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.598
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



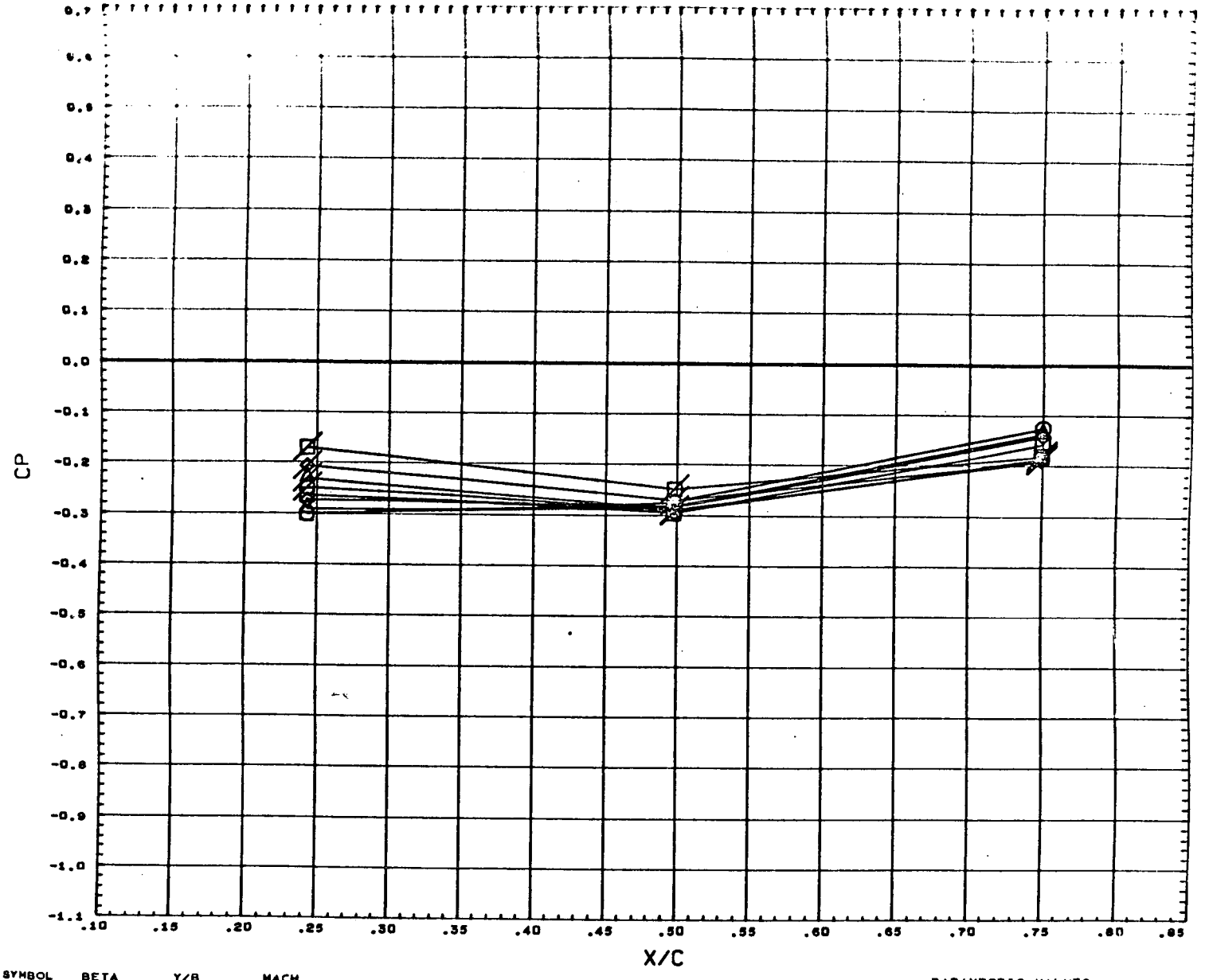
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.598
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



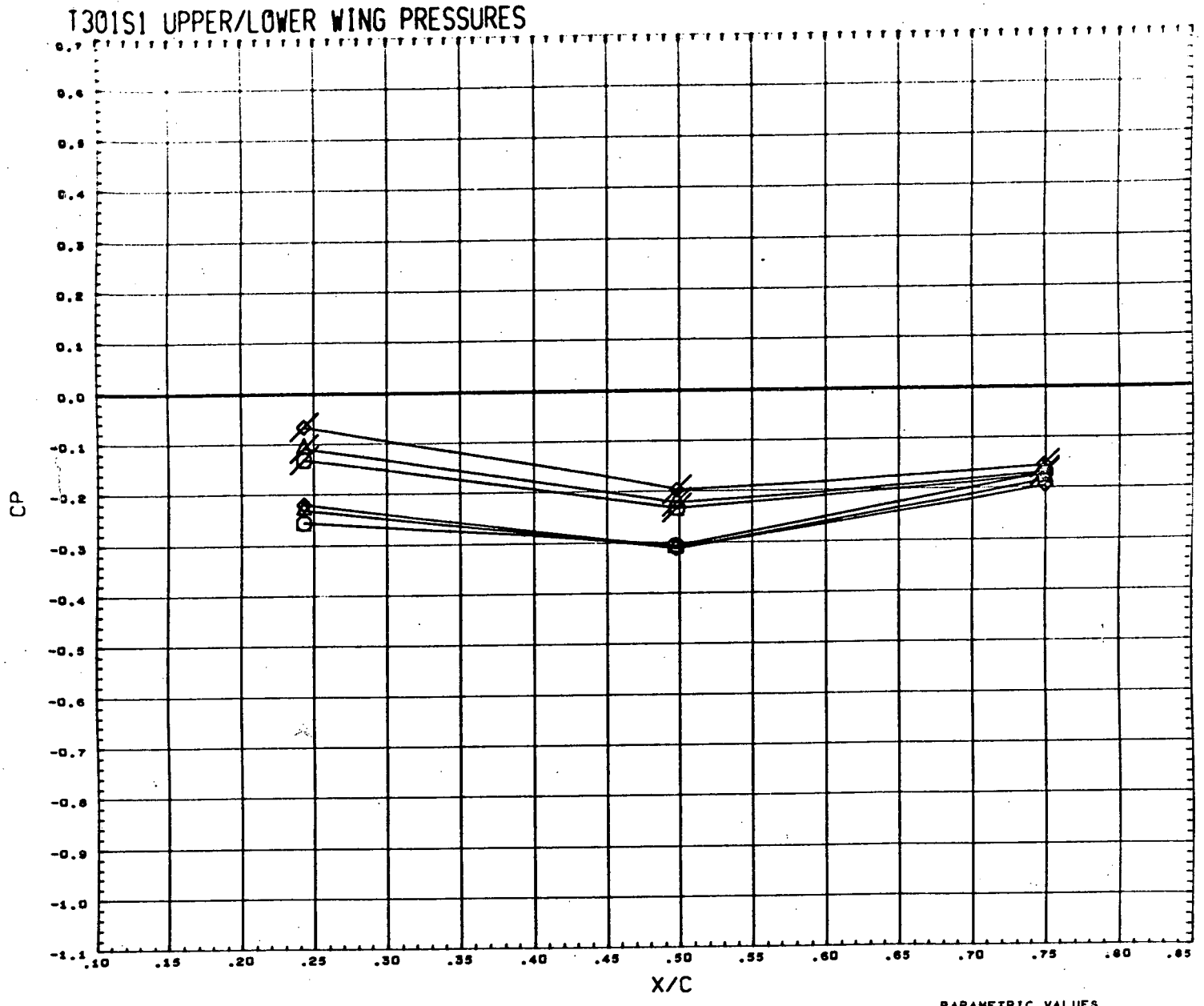
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	0.598
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



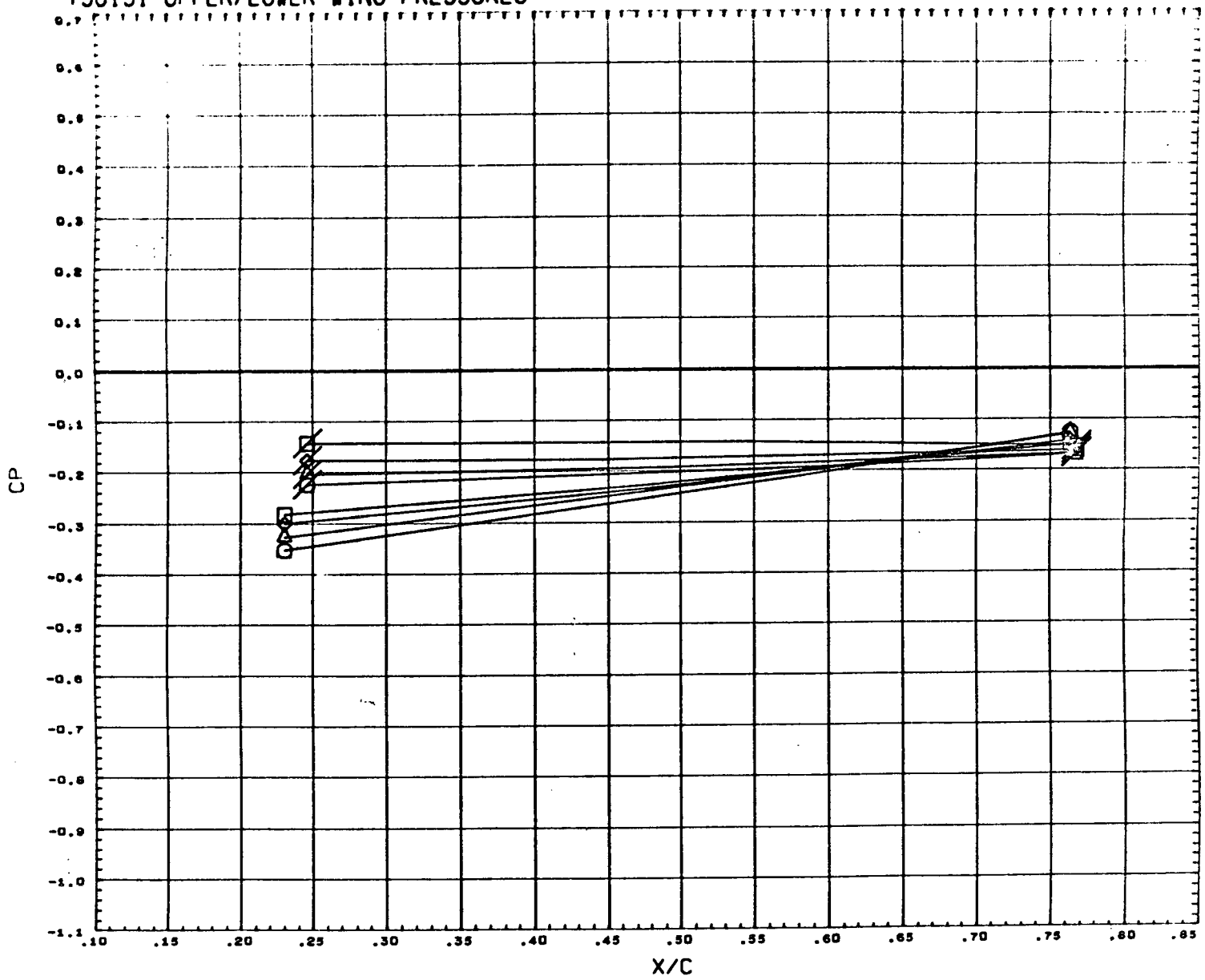
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.598
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	0.598
△	4.000		
◇	2.000		
□	0.000		

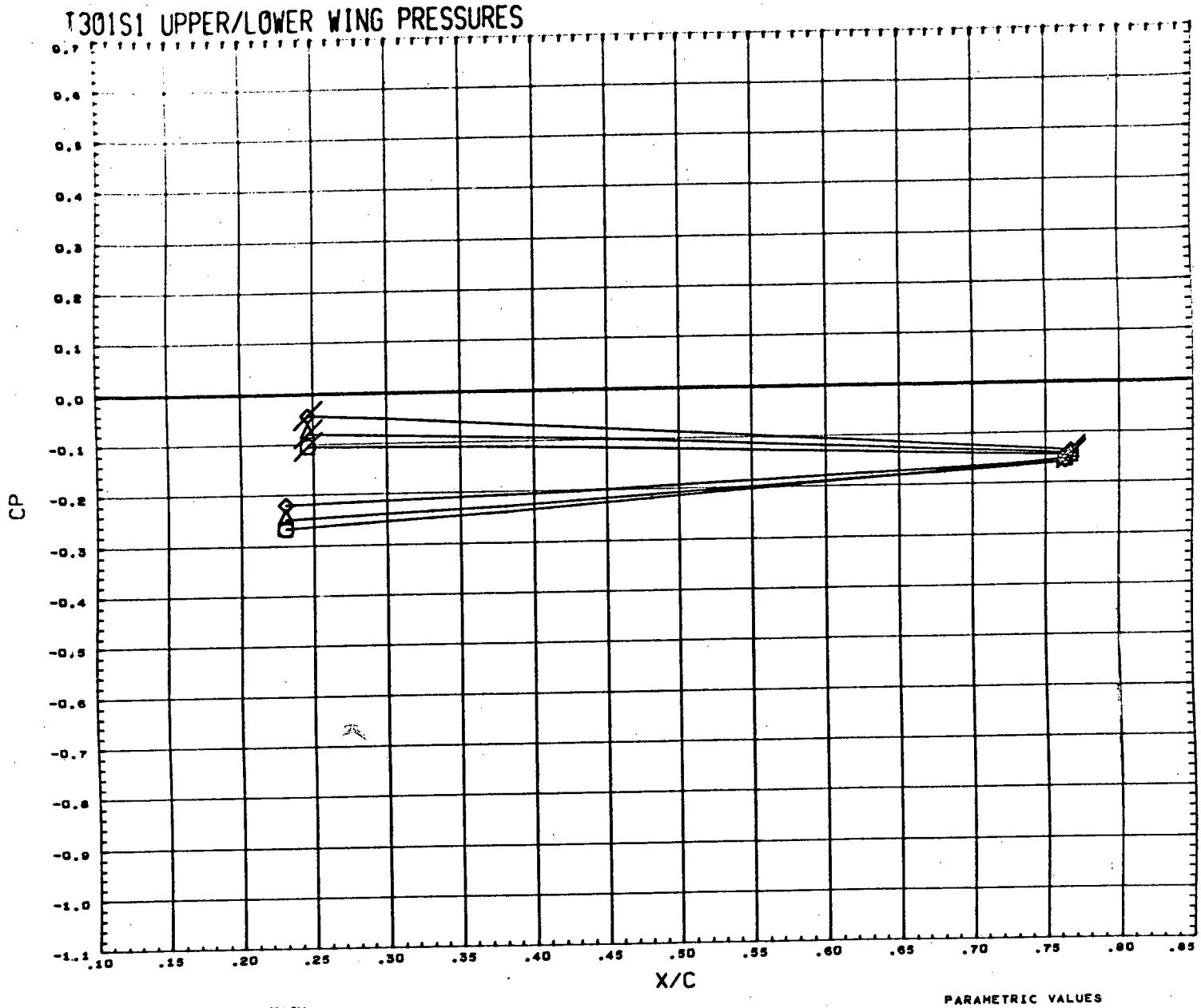
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



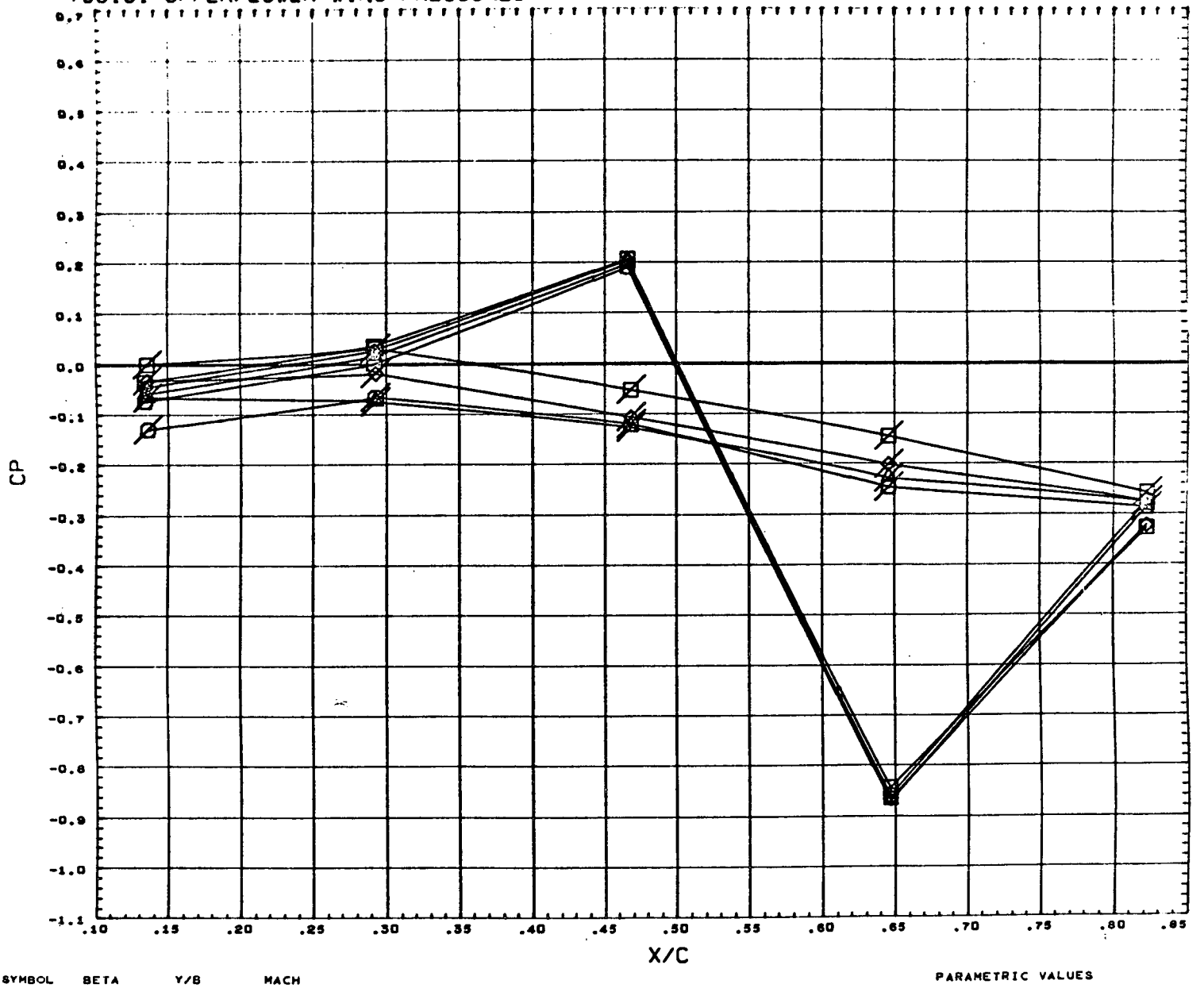
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	0.598
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



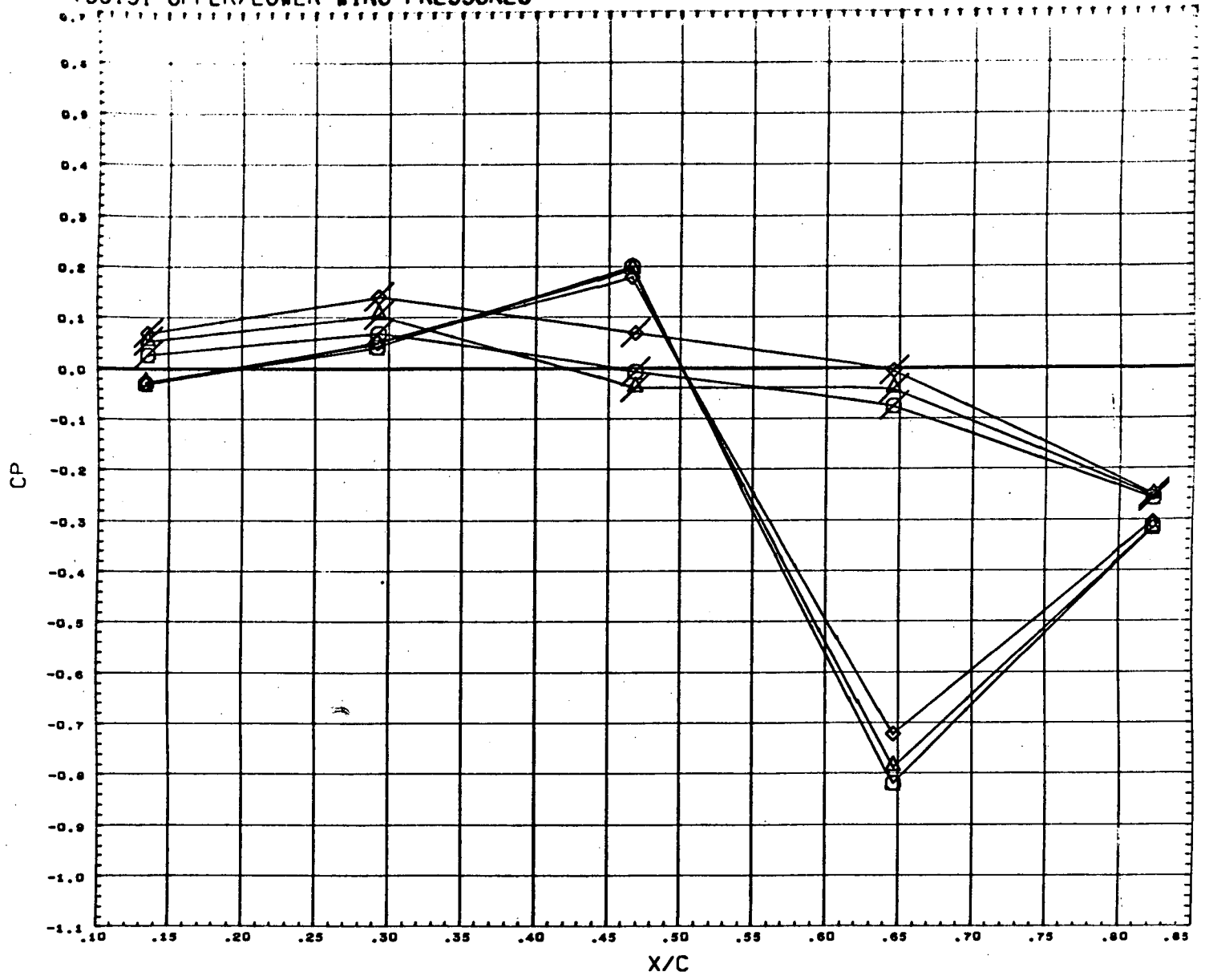
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	0.904
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



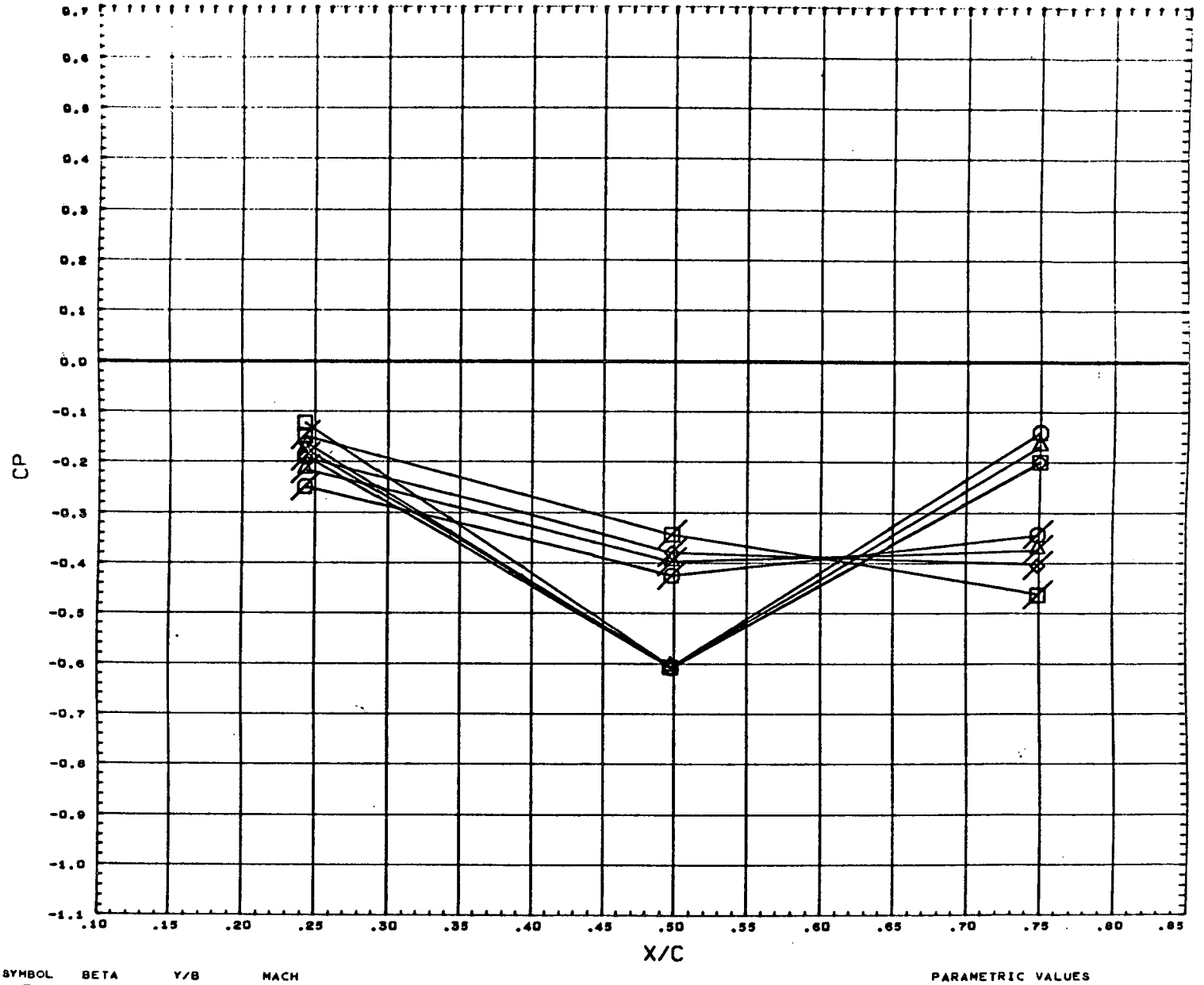
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	0.904
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	0.904
△	4.000		
◇	2.000		
□	0.000		

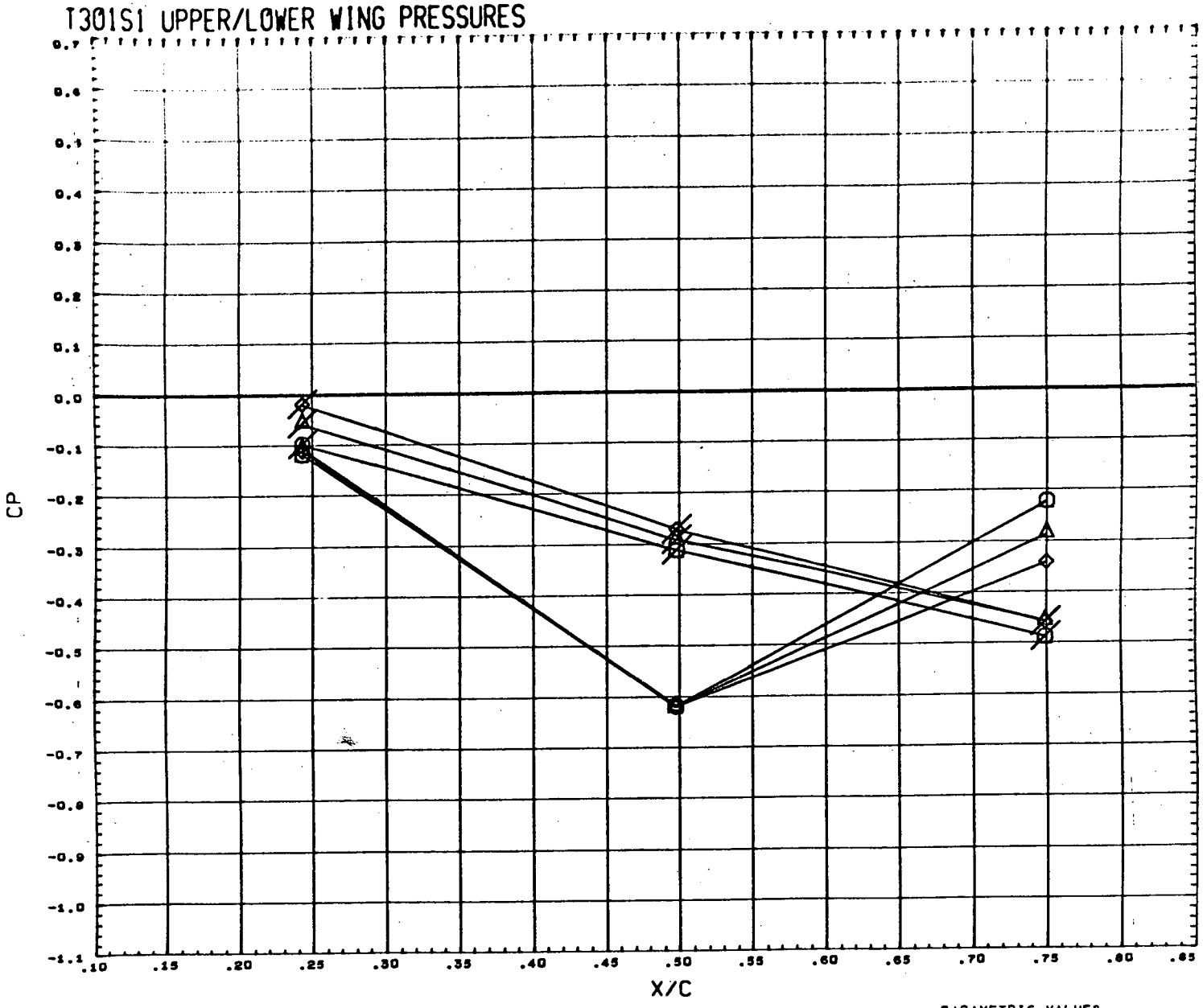
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



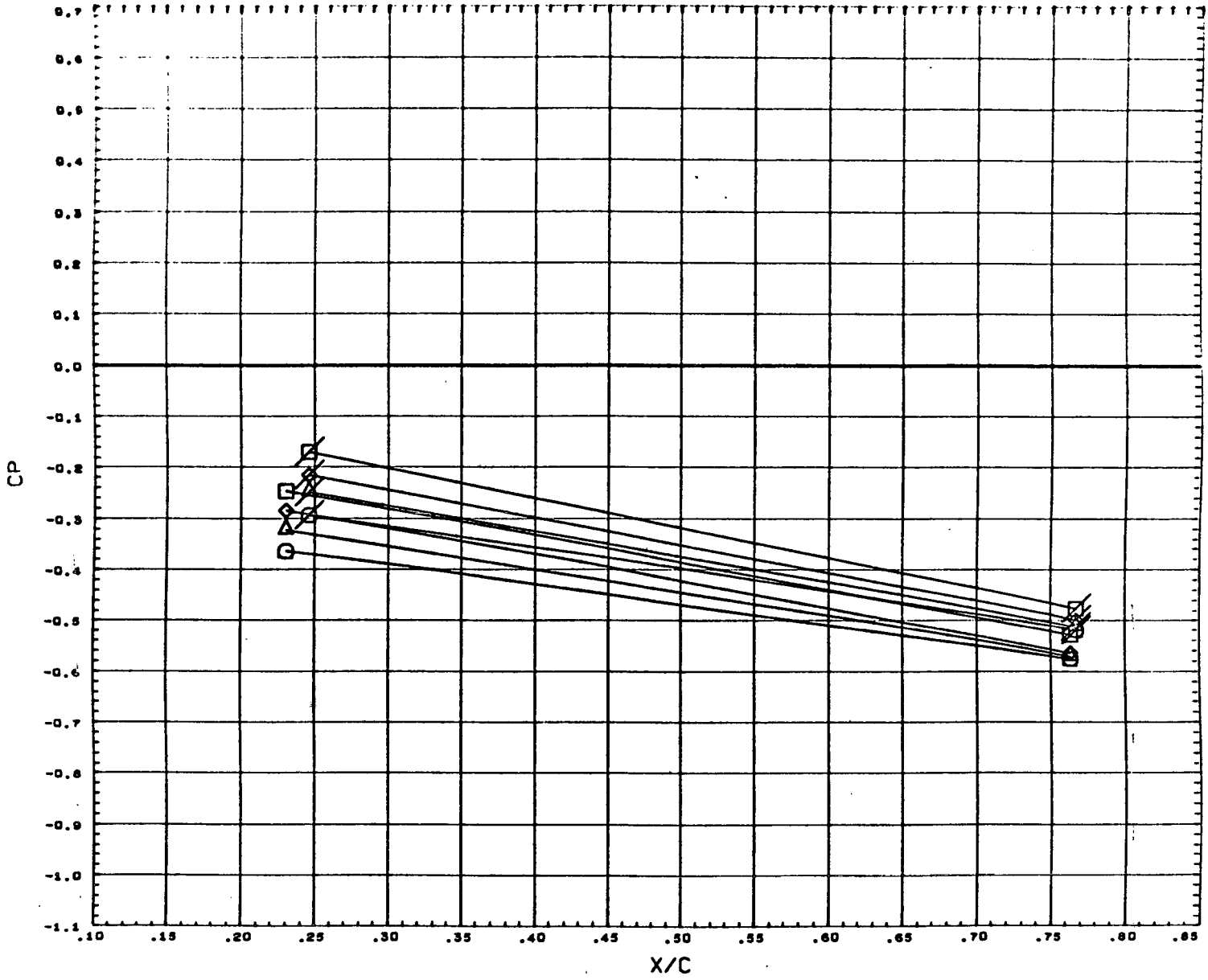
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	0.904
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



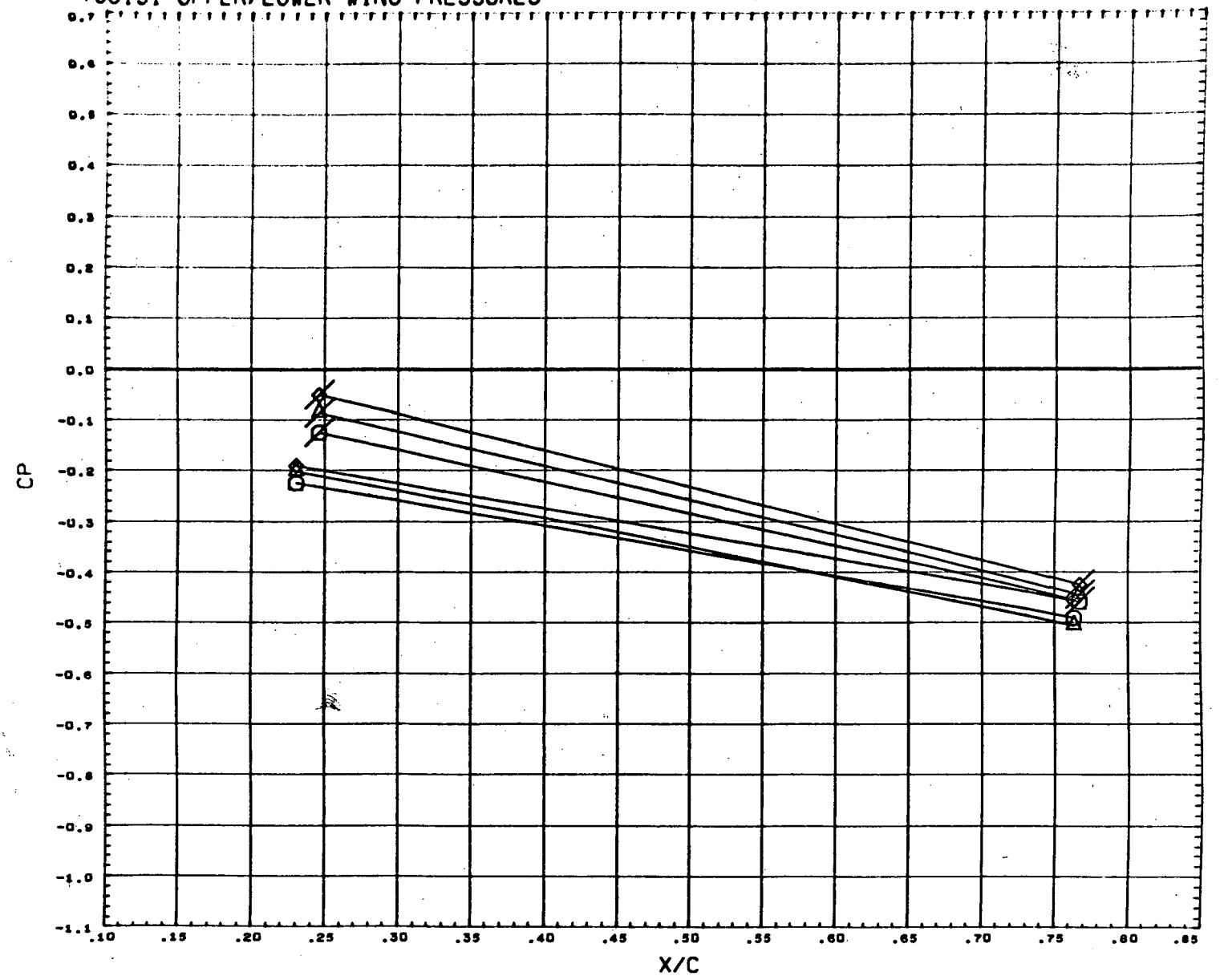
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	0.904
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



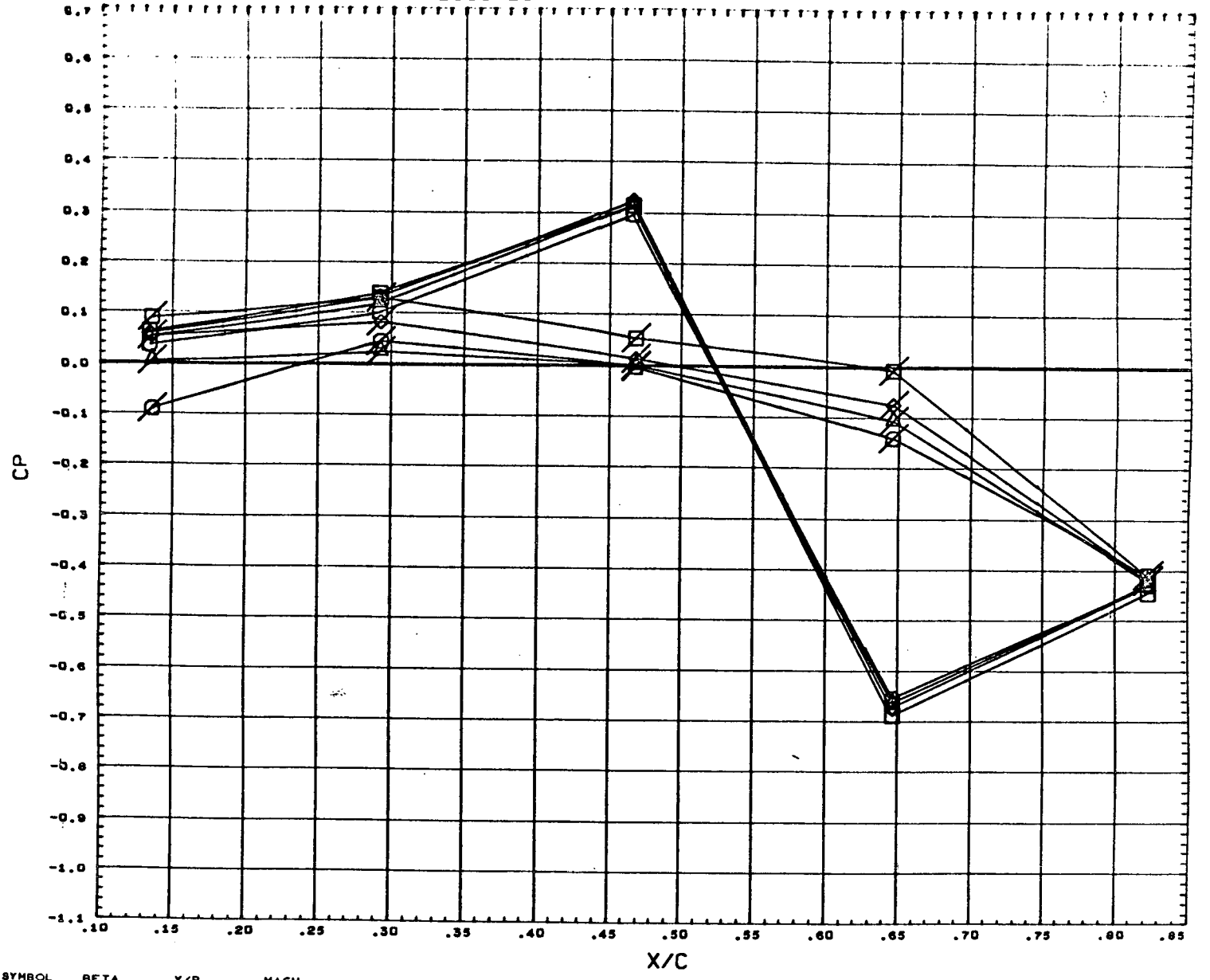
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	0.904
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



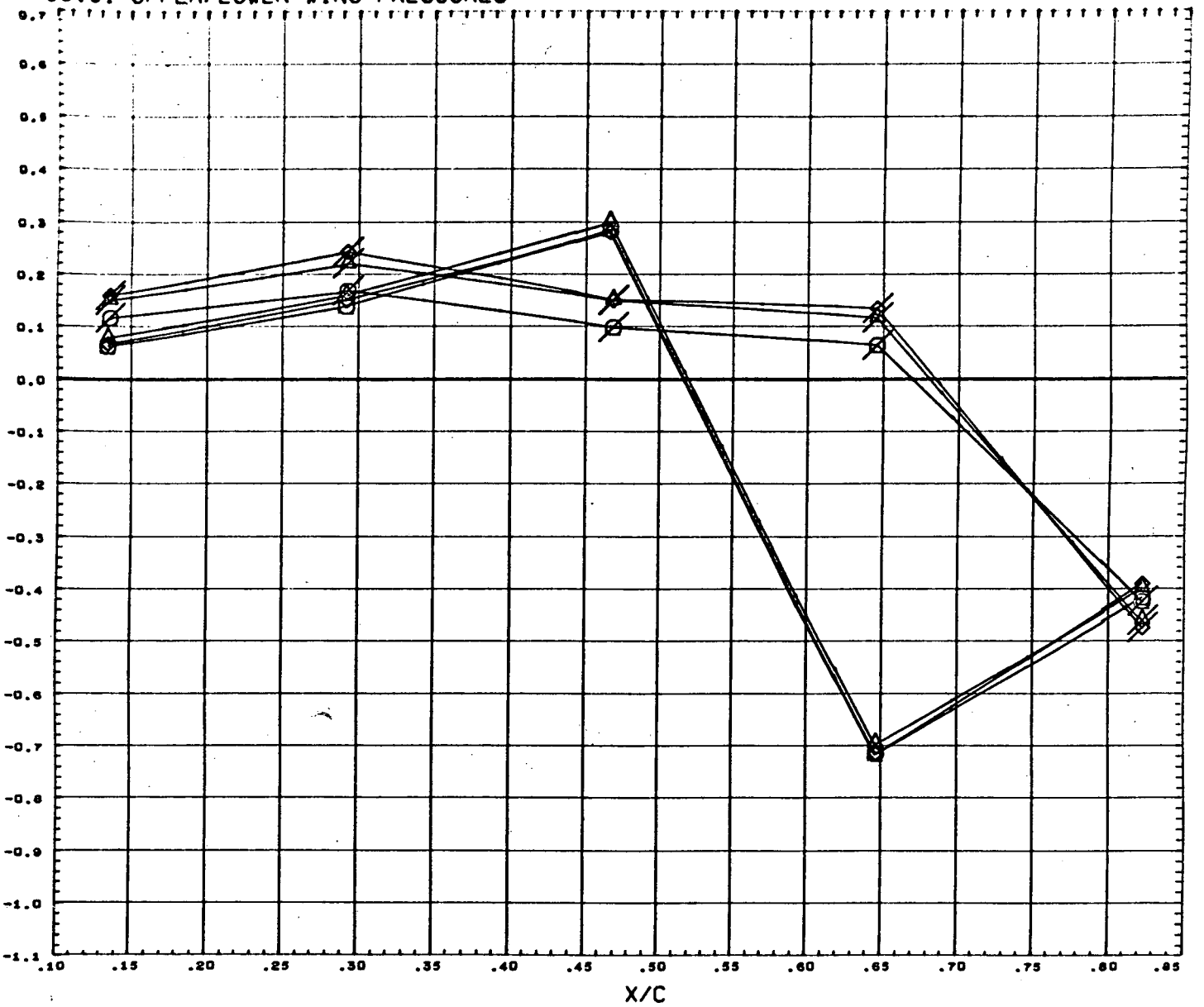
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.001
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



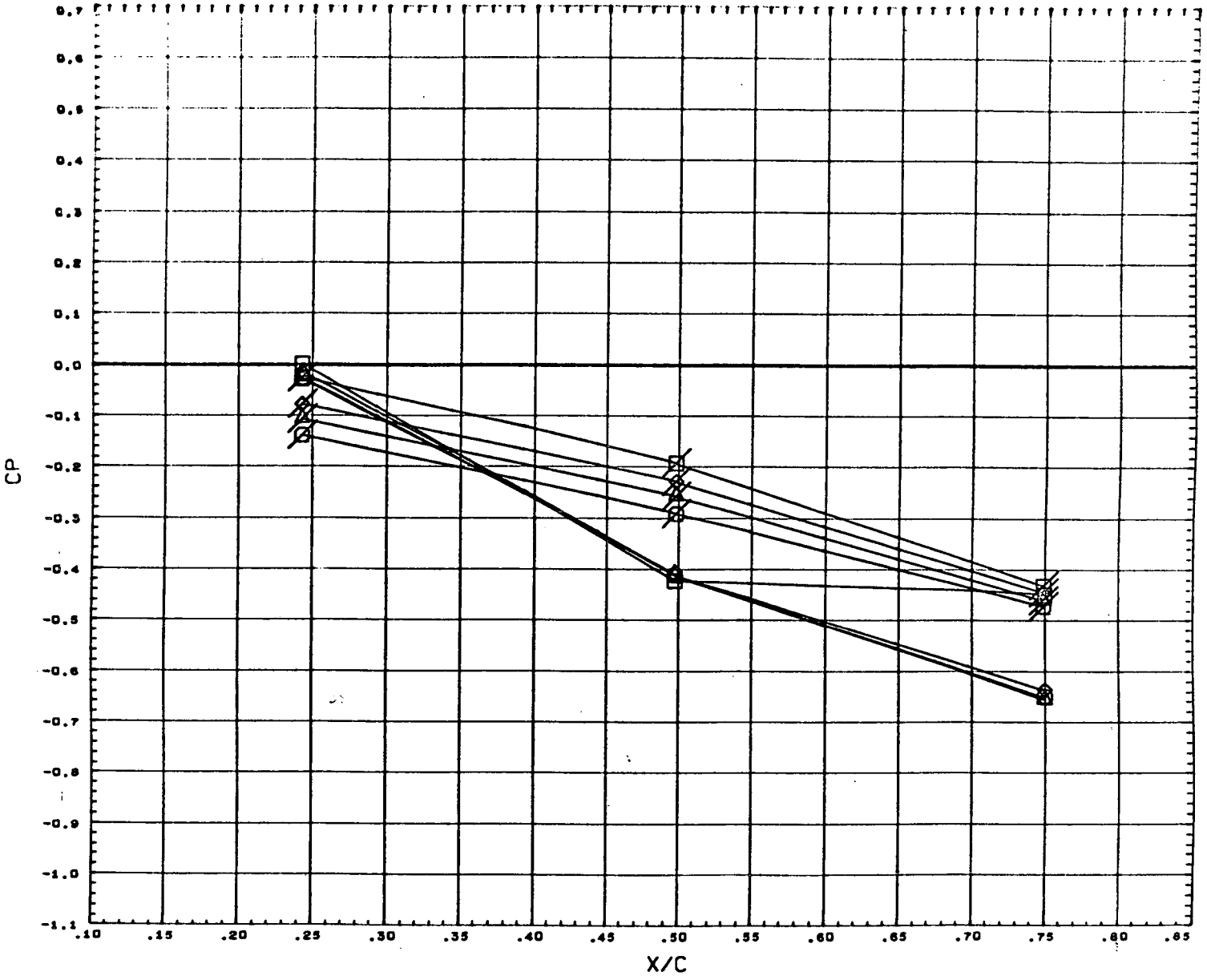
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.001
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



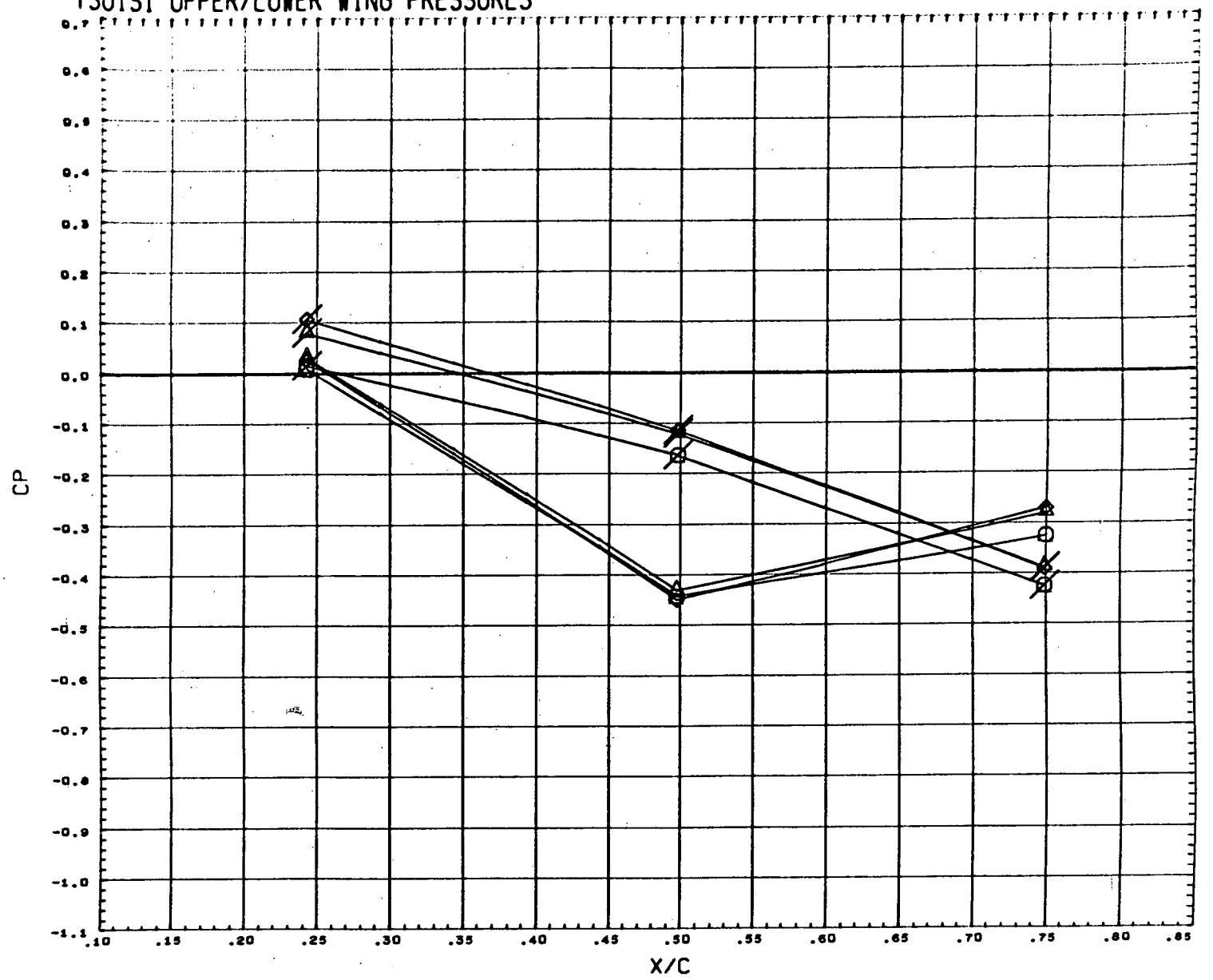
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.001
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



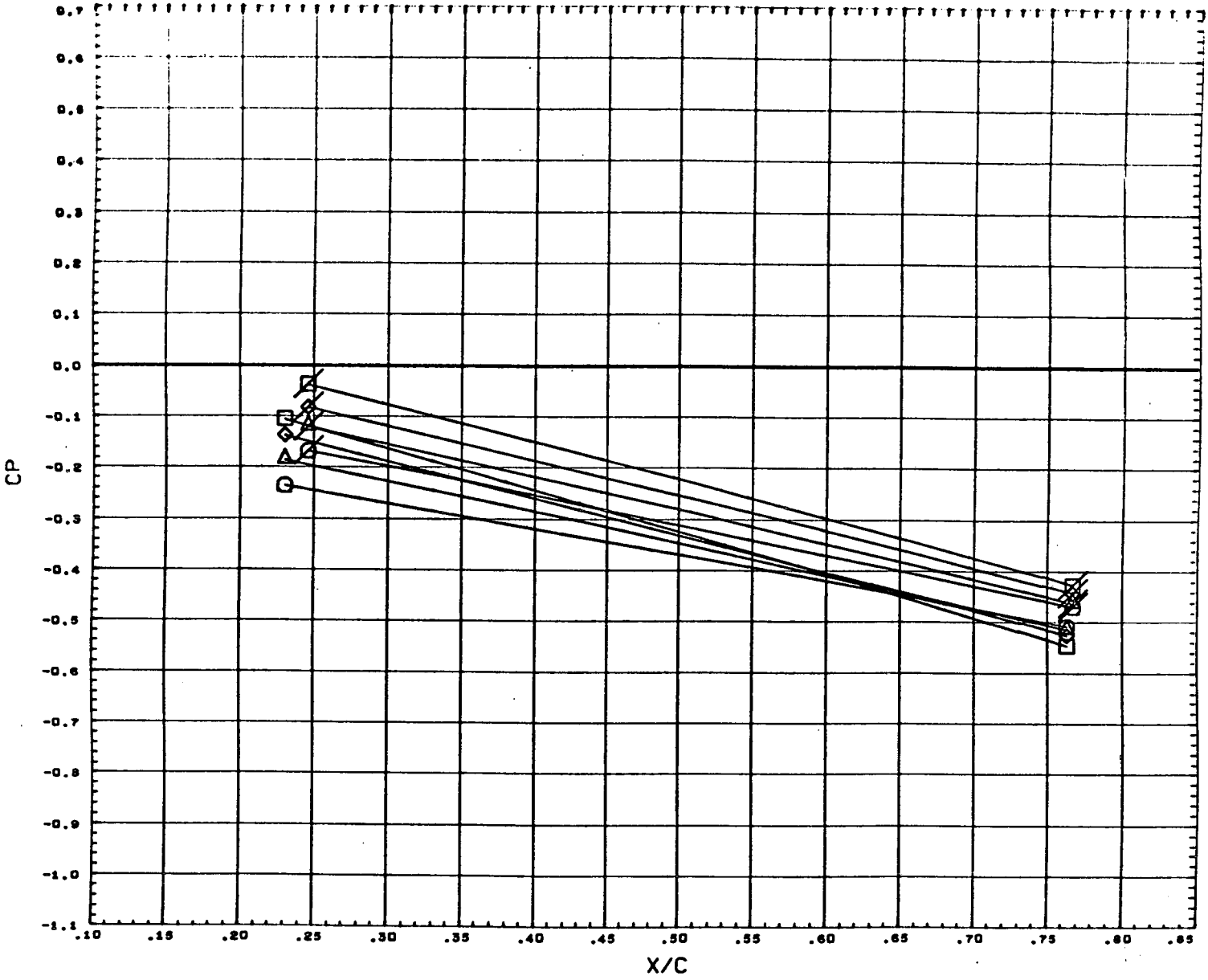
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.001
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



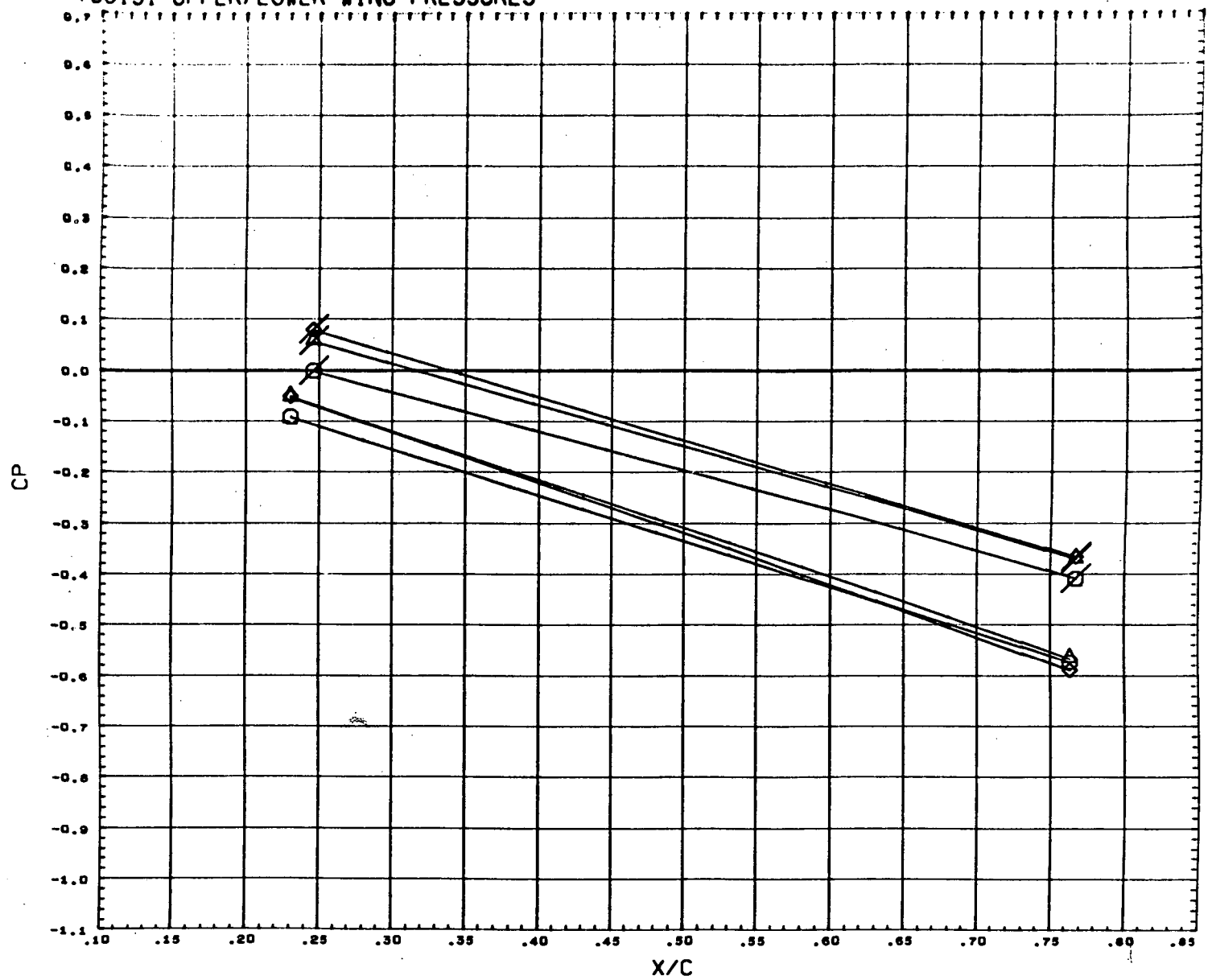
SYMBOL	BETA	Y/B	MACH
○	6.000	0.645	1.001
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



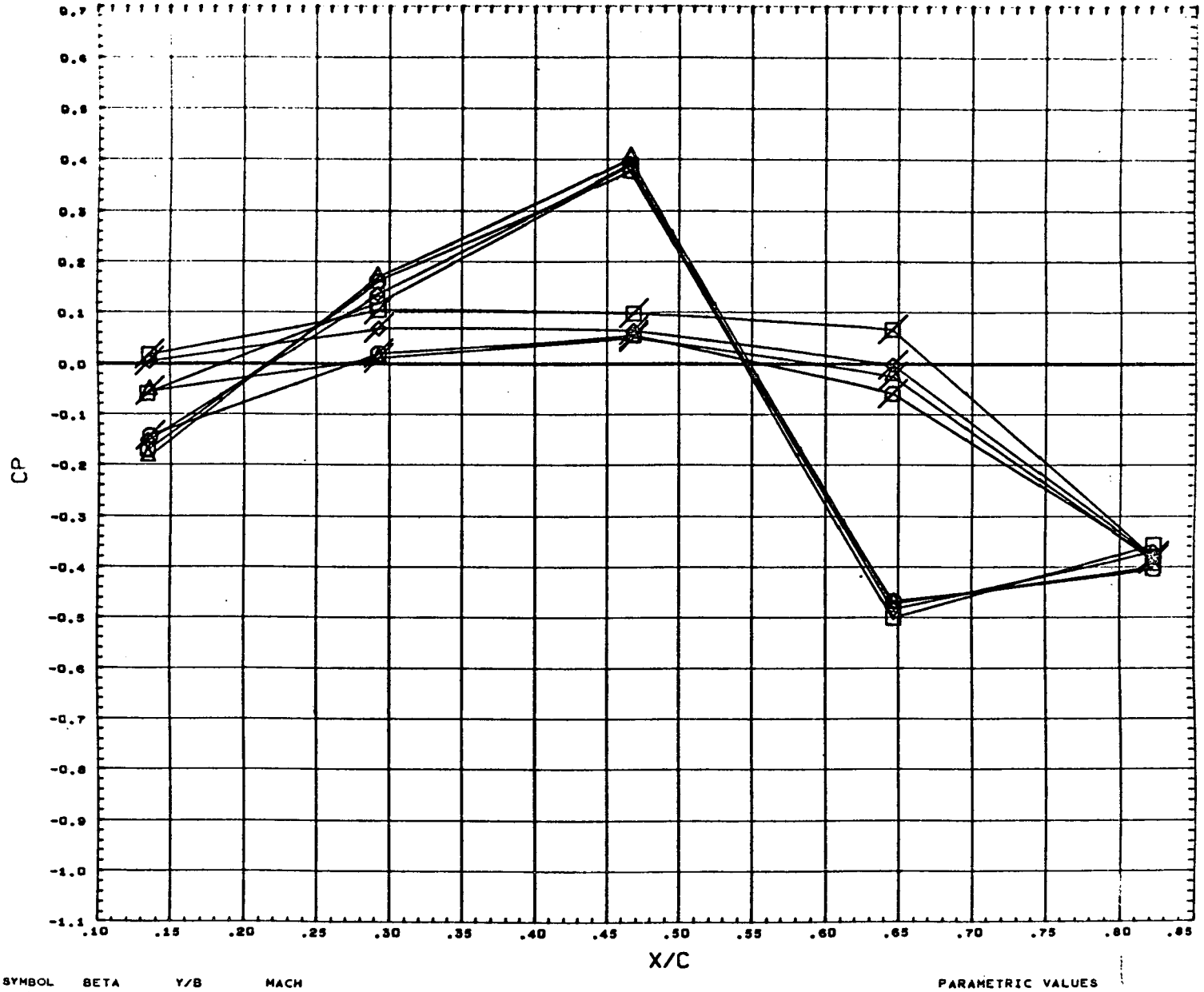
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	1.001
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



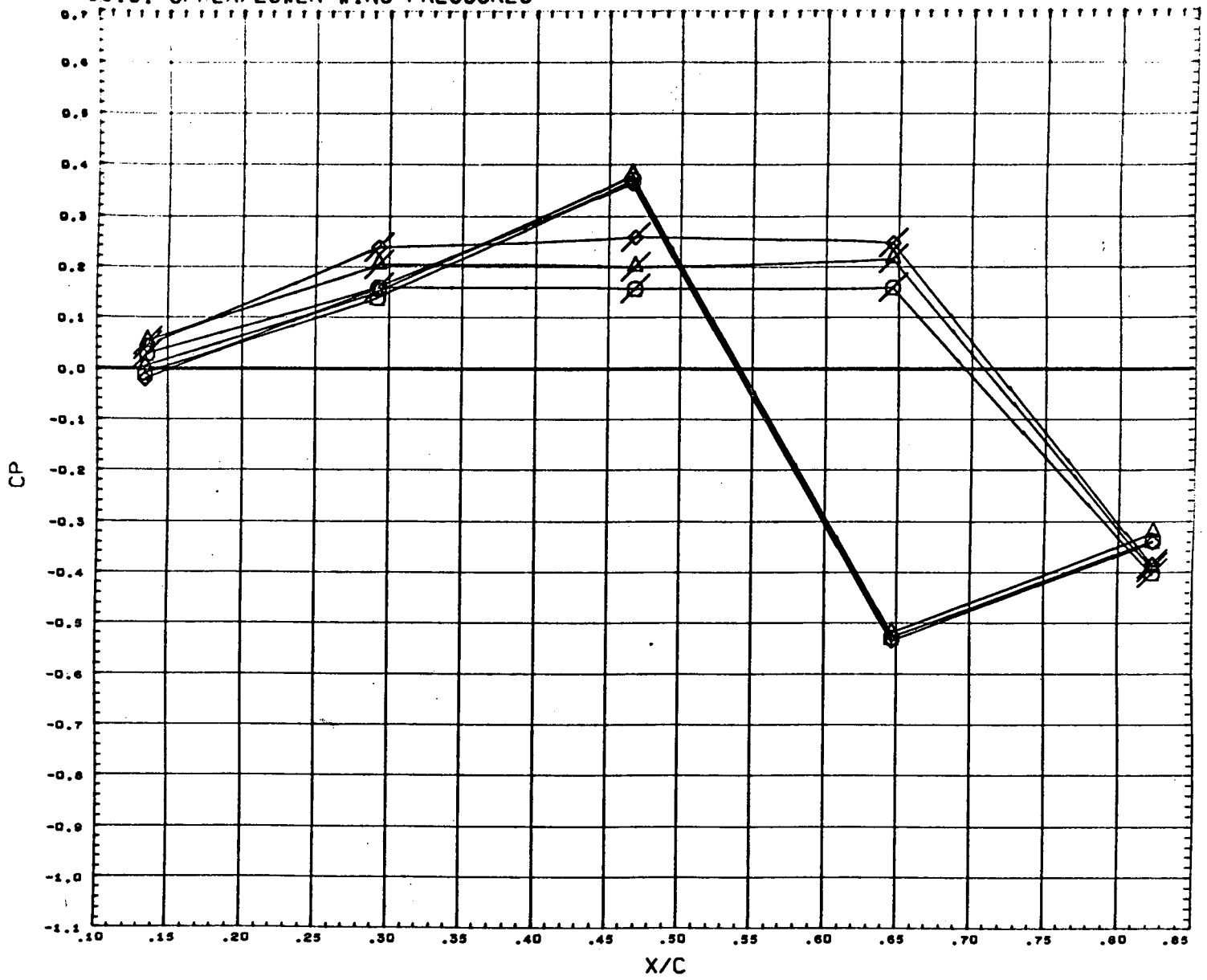
SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.101
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



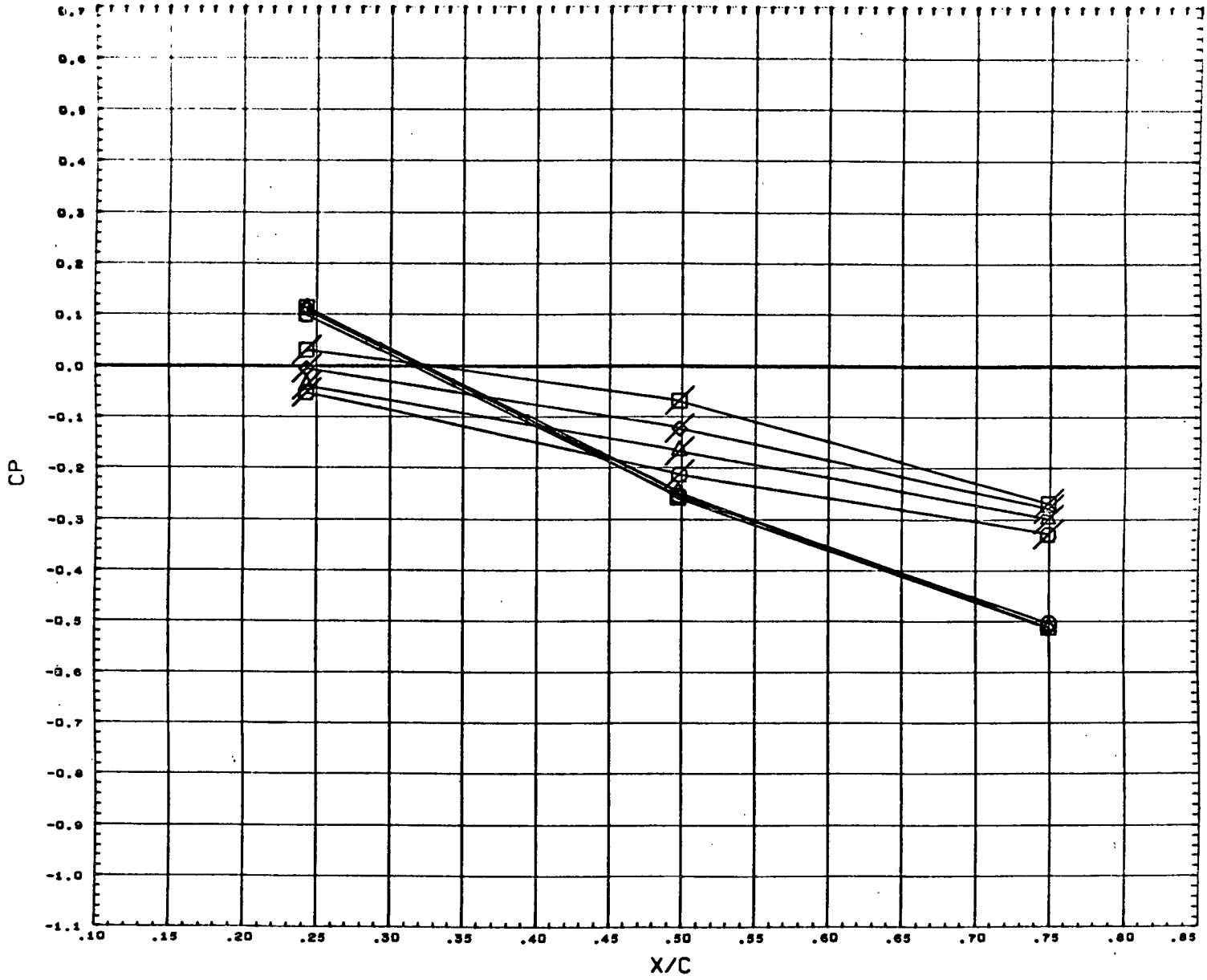
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



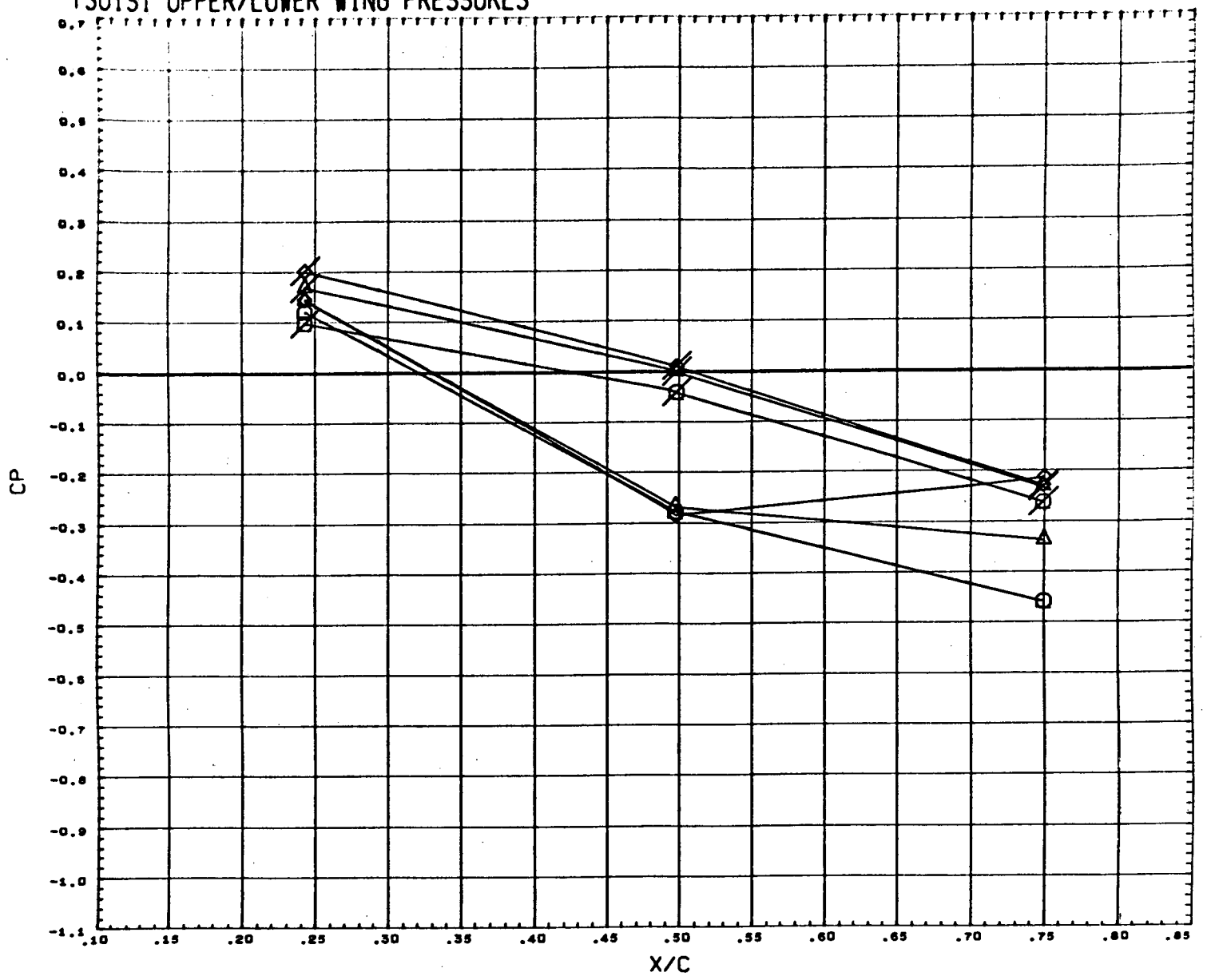
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.101
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



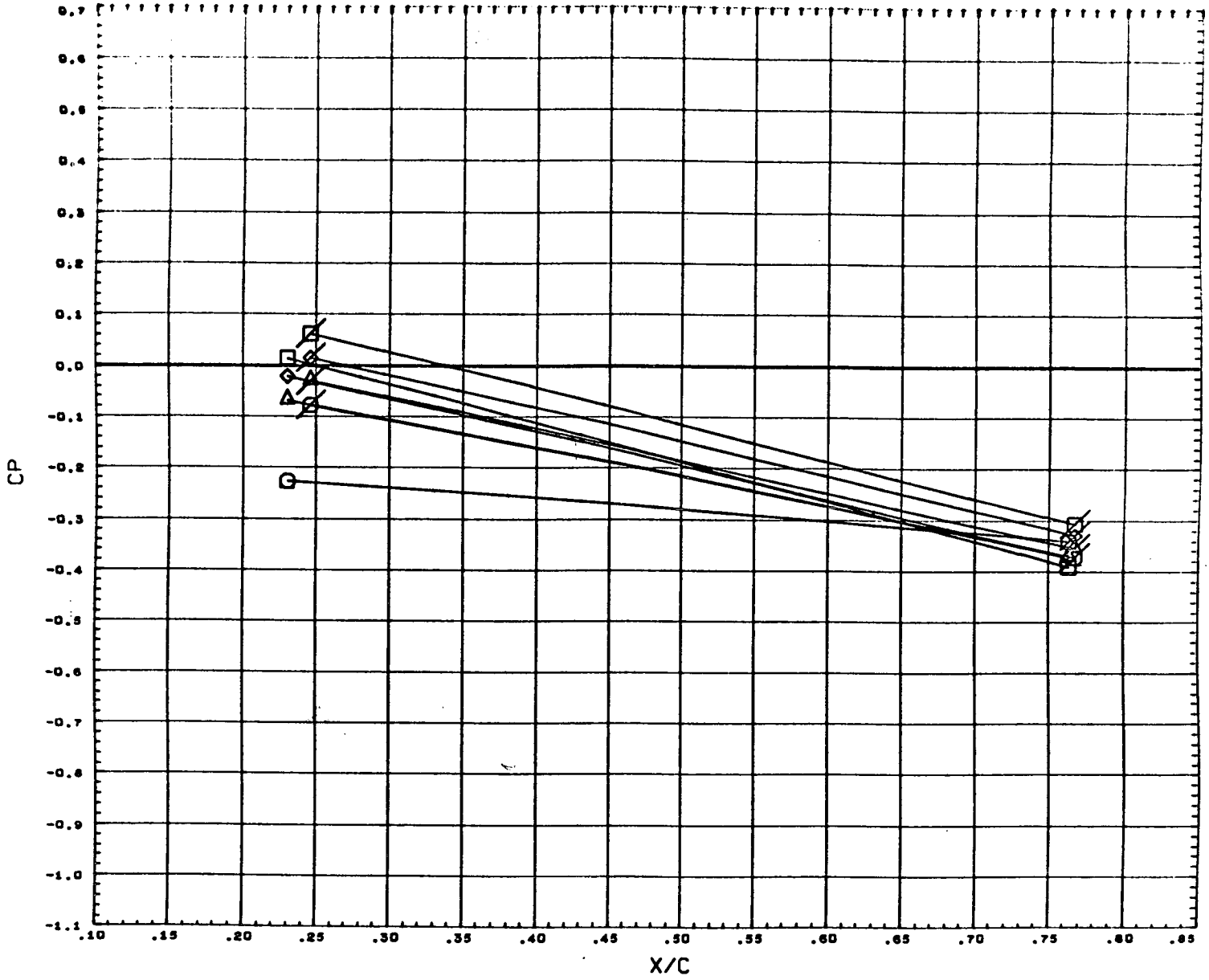
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



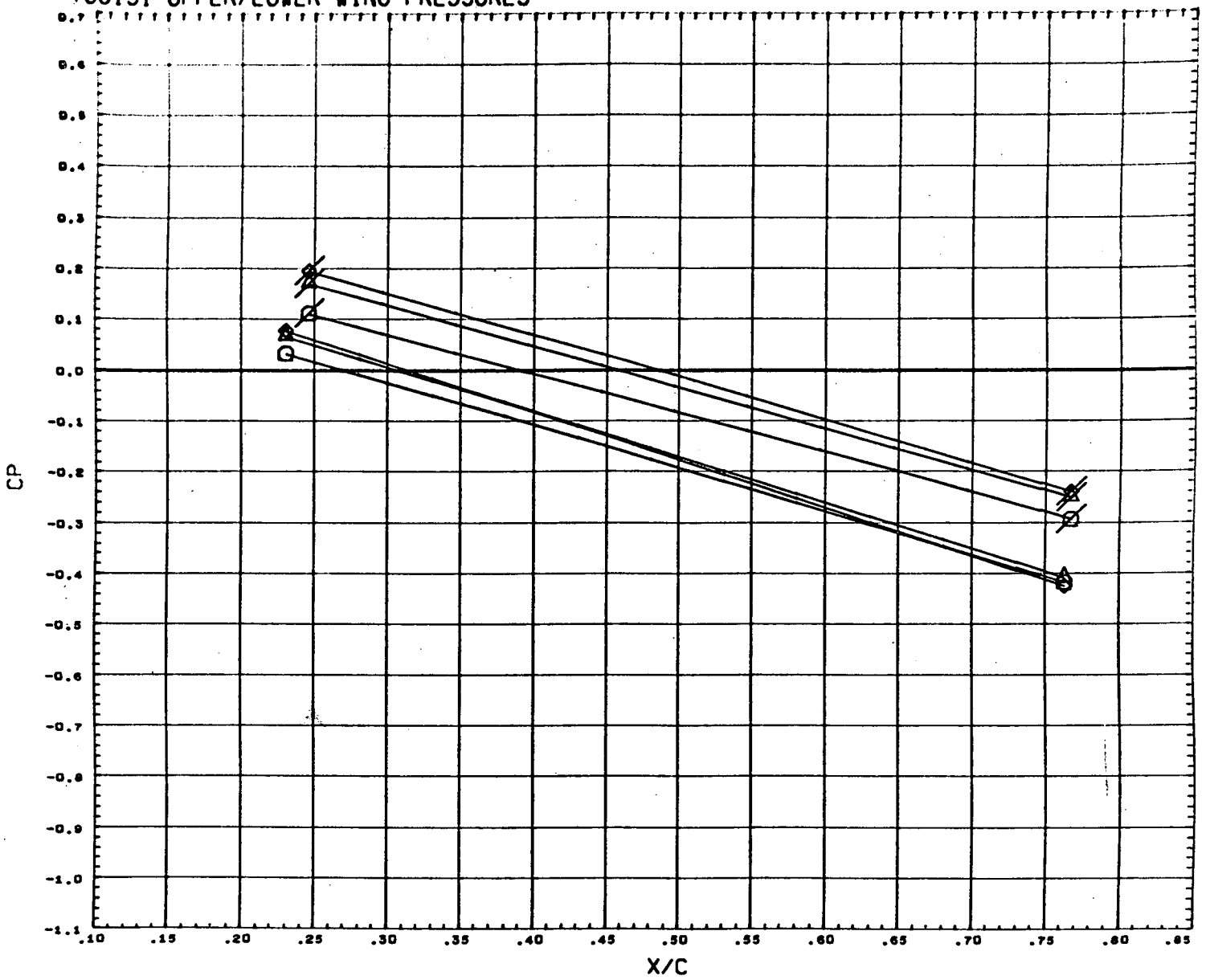
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.101
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



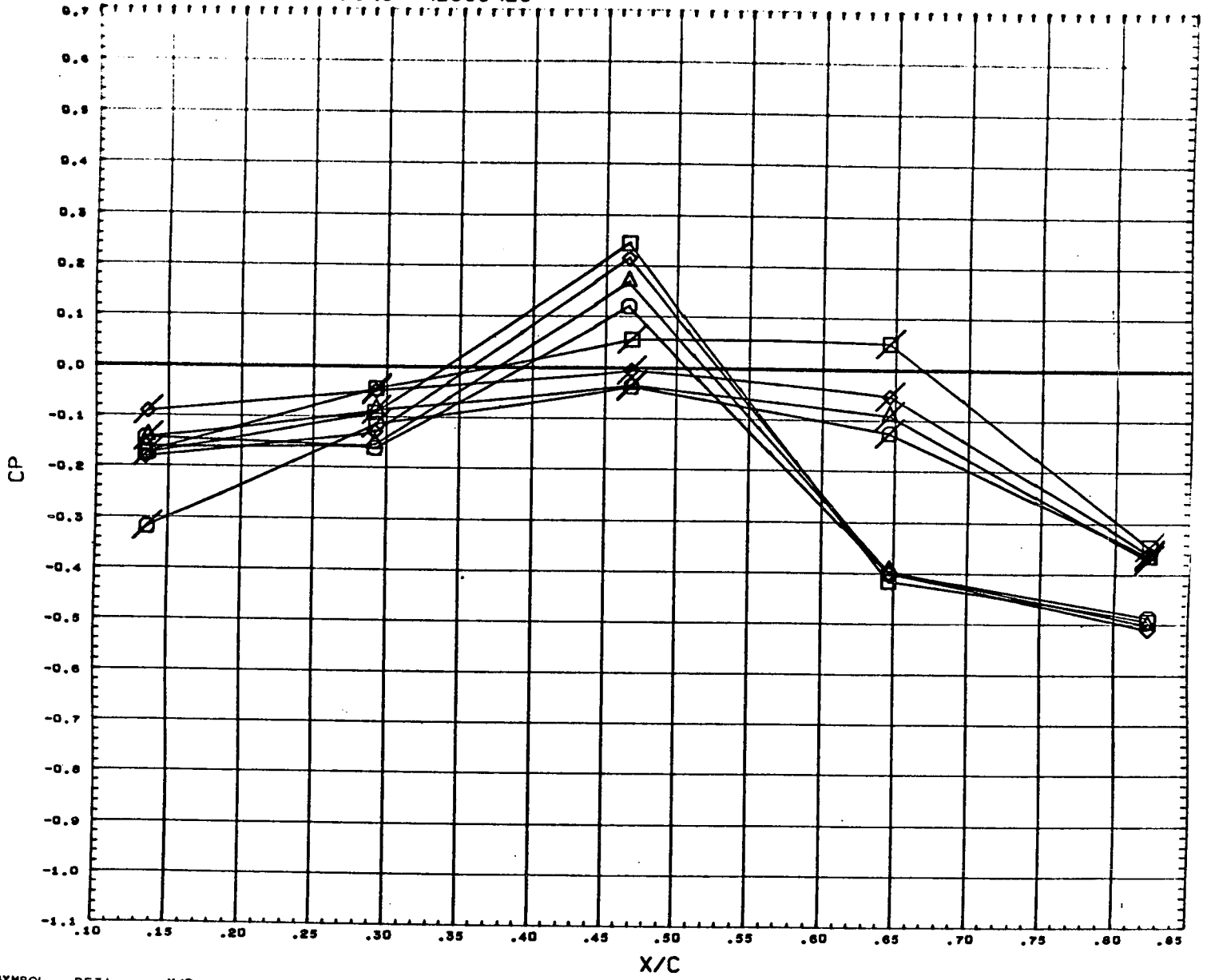
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.101
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
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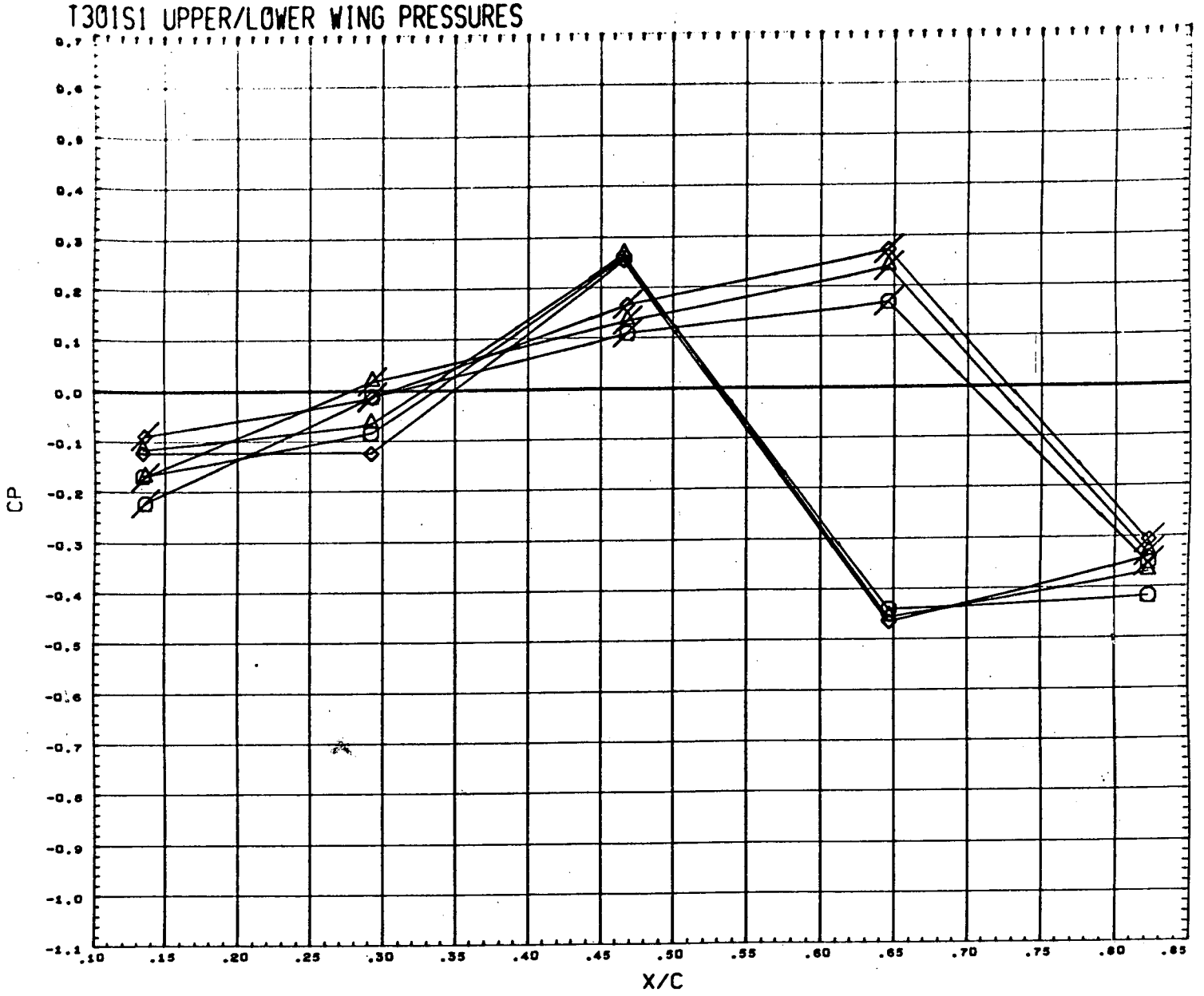
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.190
△	4.000		
◇	6.000		

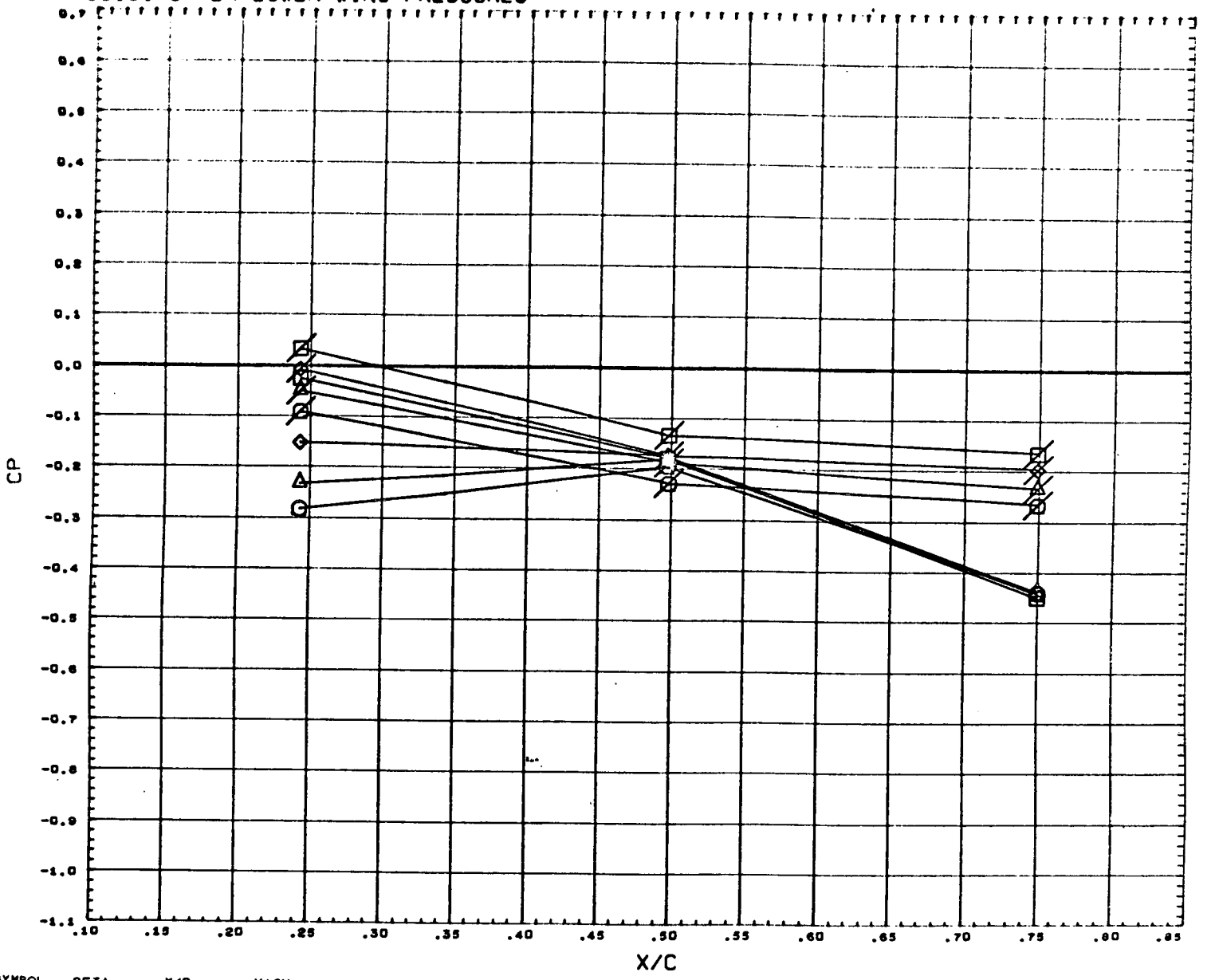
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



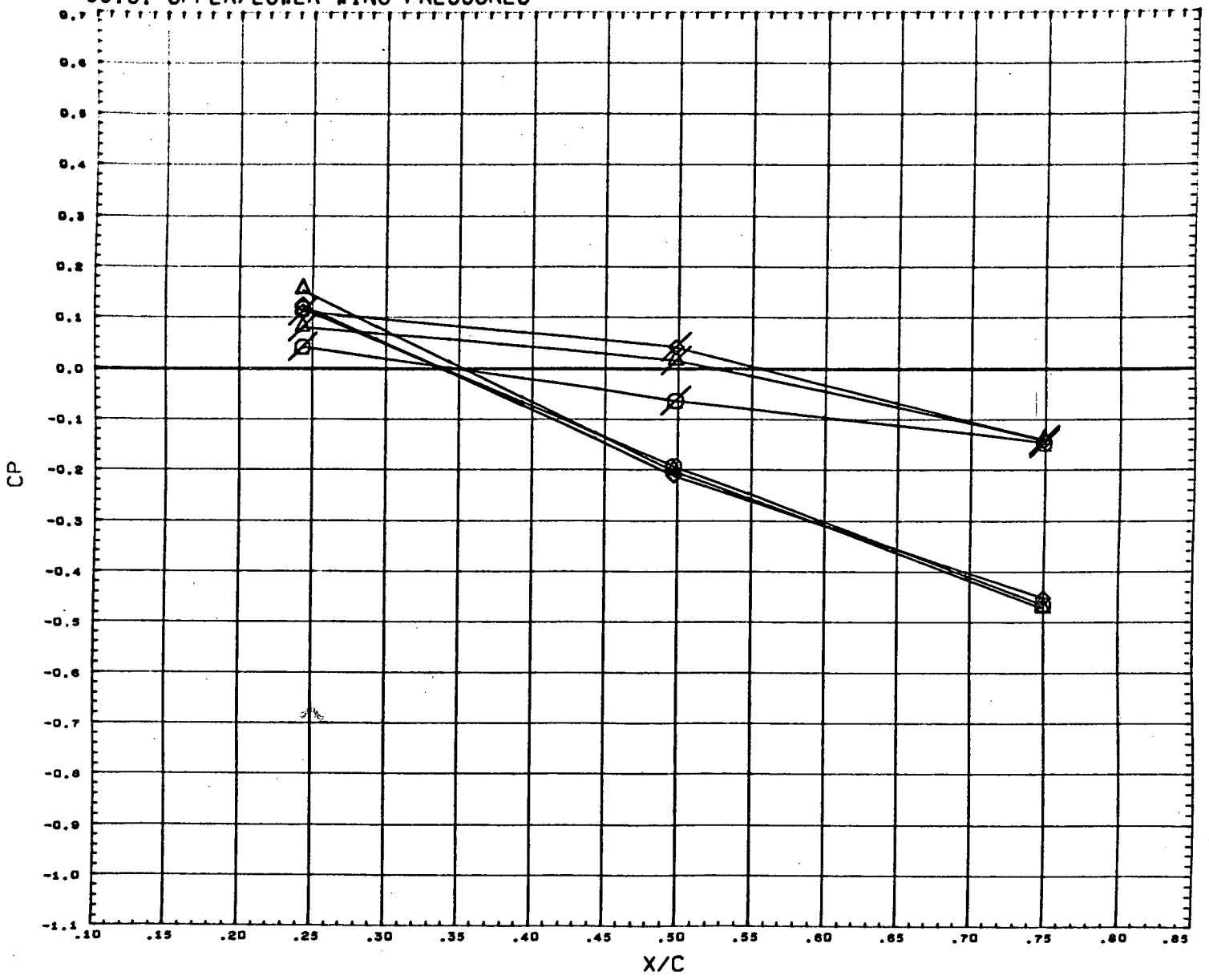
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.190
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



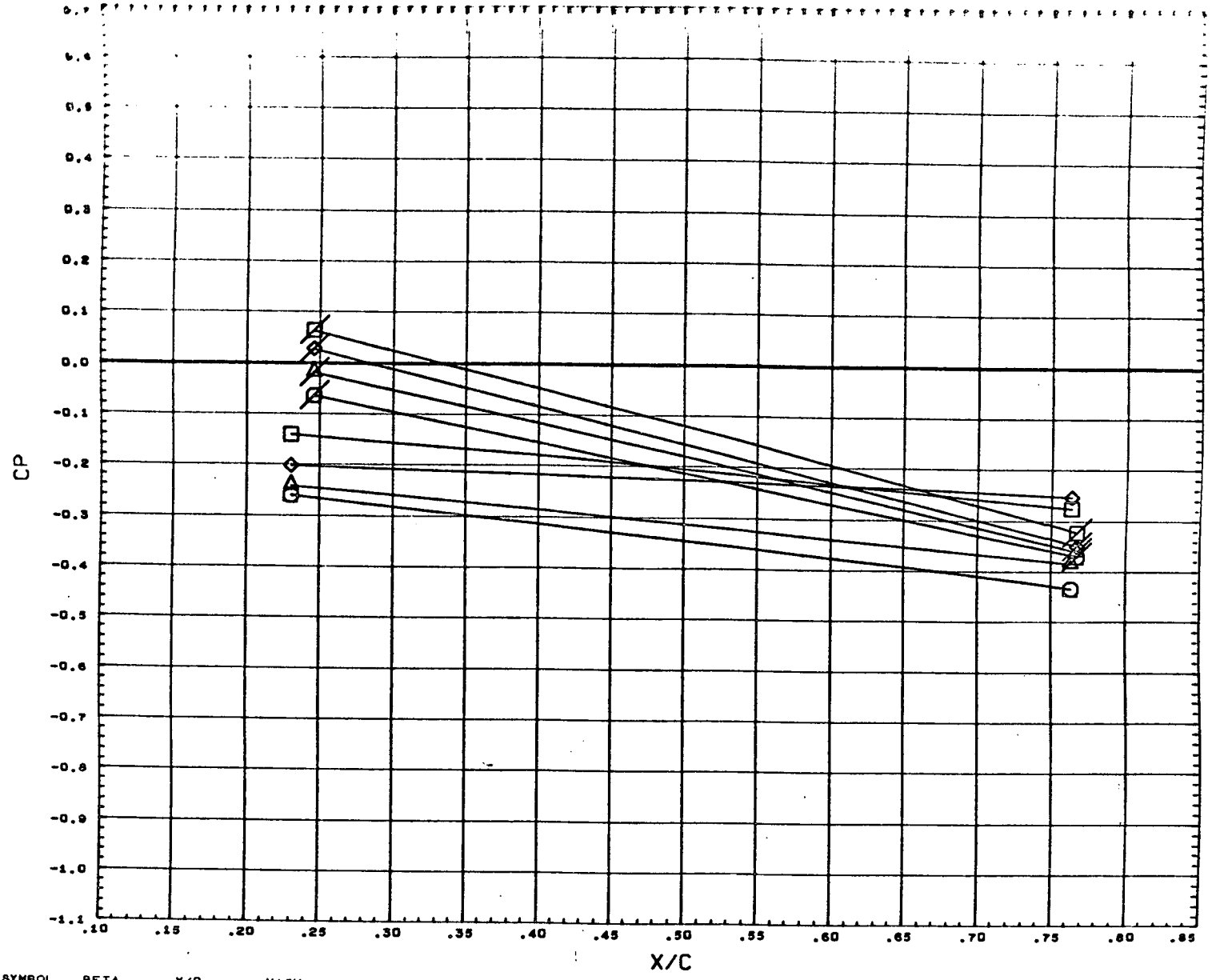
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.190
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



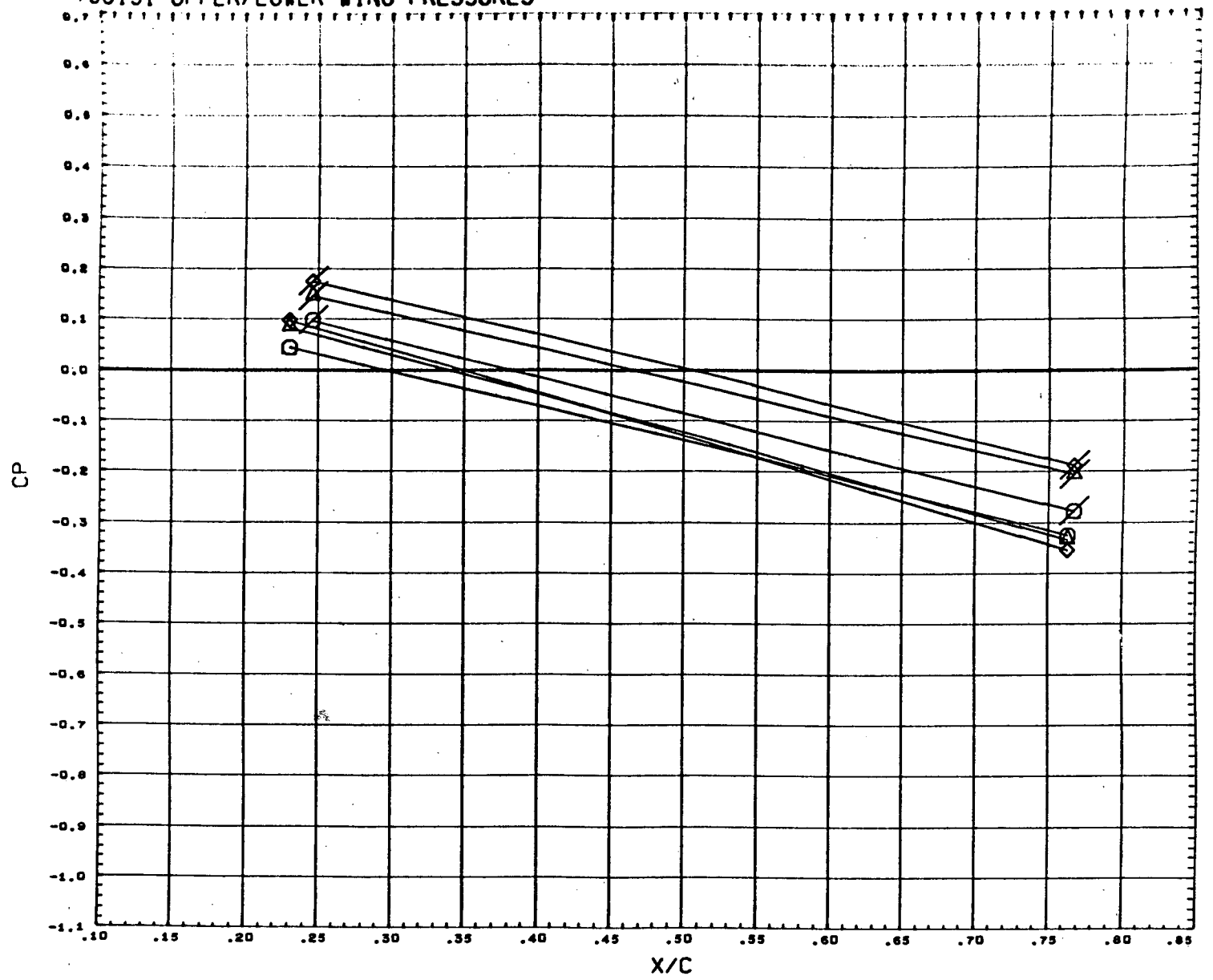
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.190
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T301S1 UPPER/LOWER WING PRESSURES



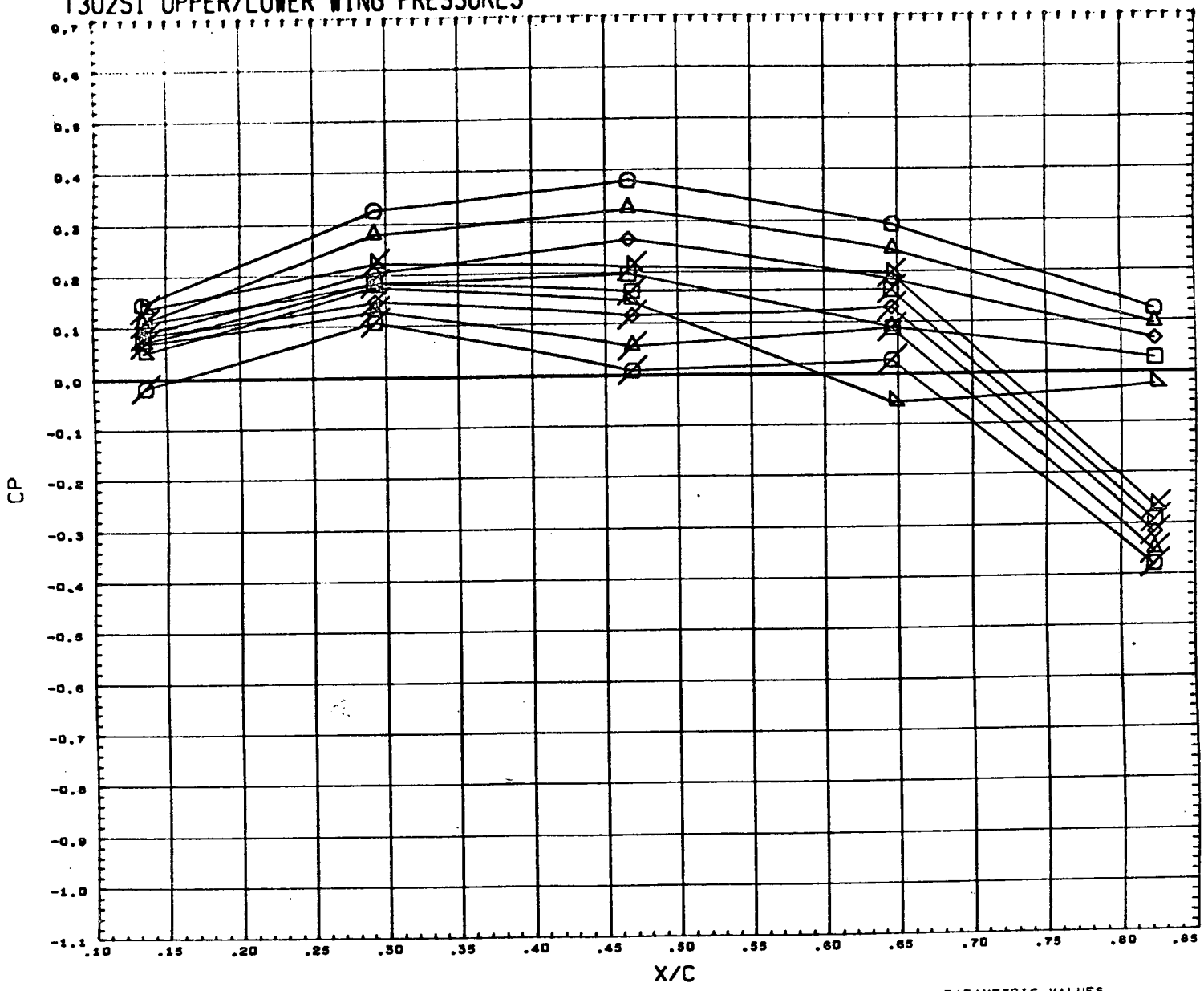
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.190
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73028)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T301S1 UPPER WING
(C73028)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T301S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.196
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

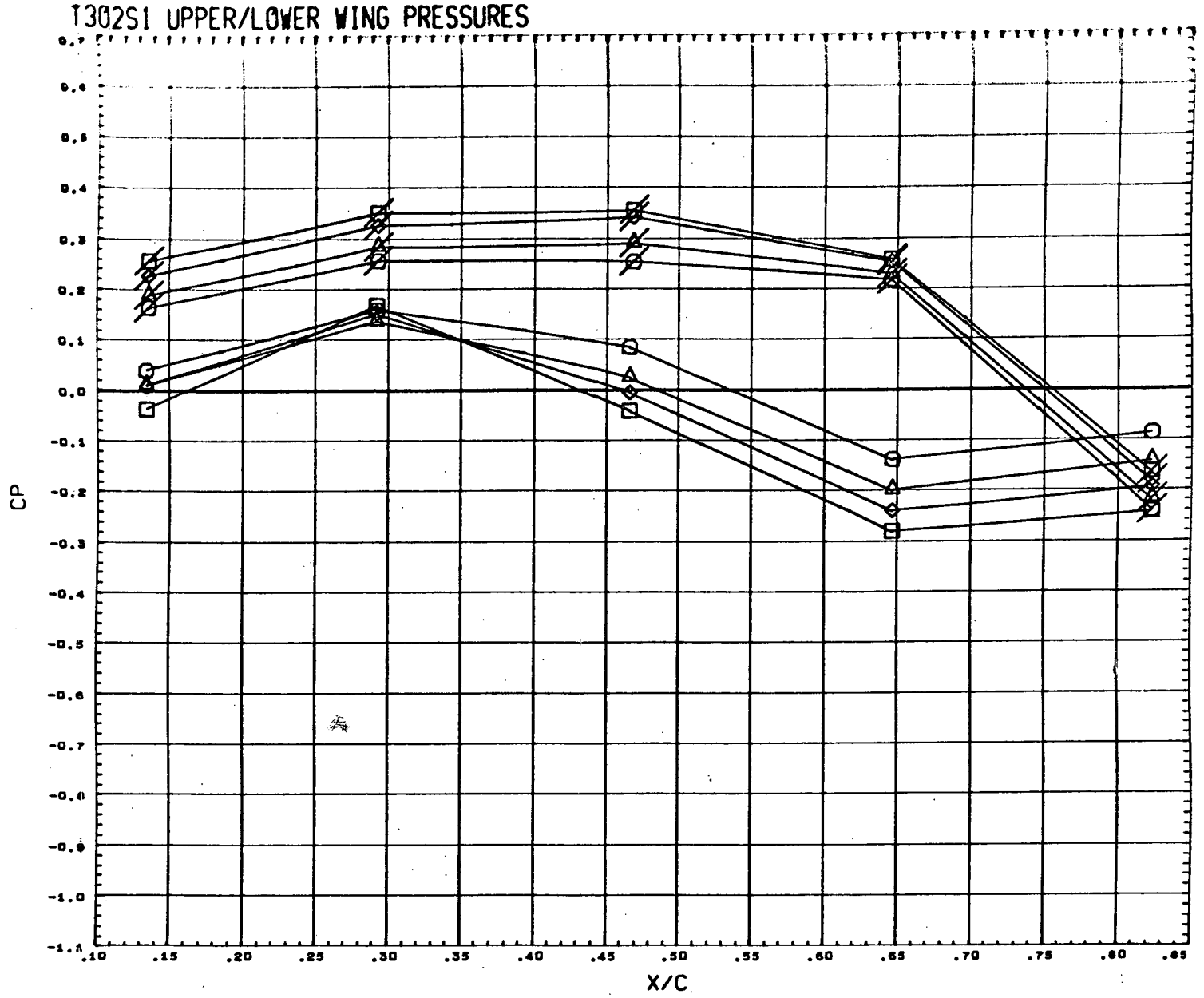
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.196
△	4.000		
◇	6.000		
□	8.000		

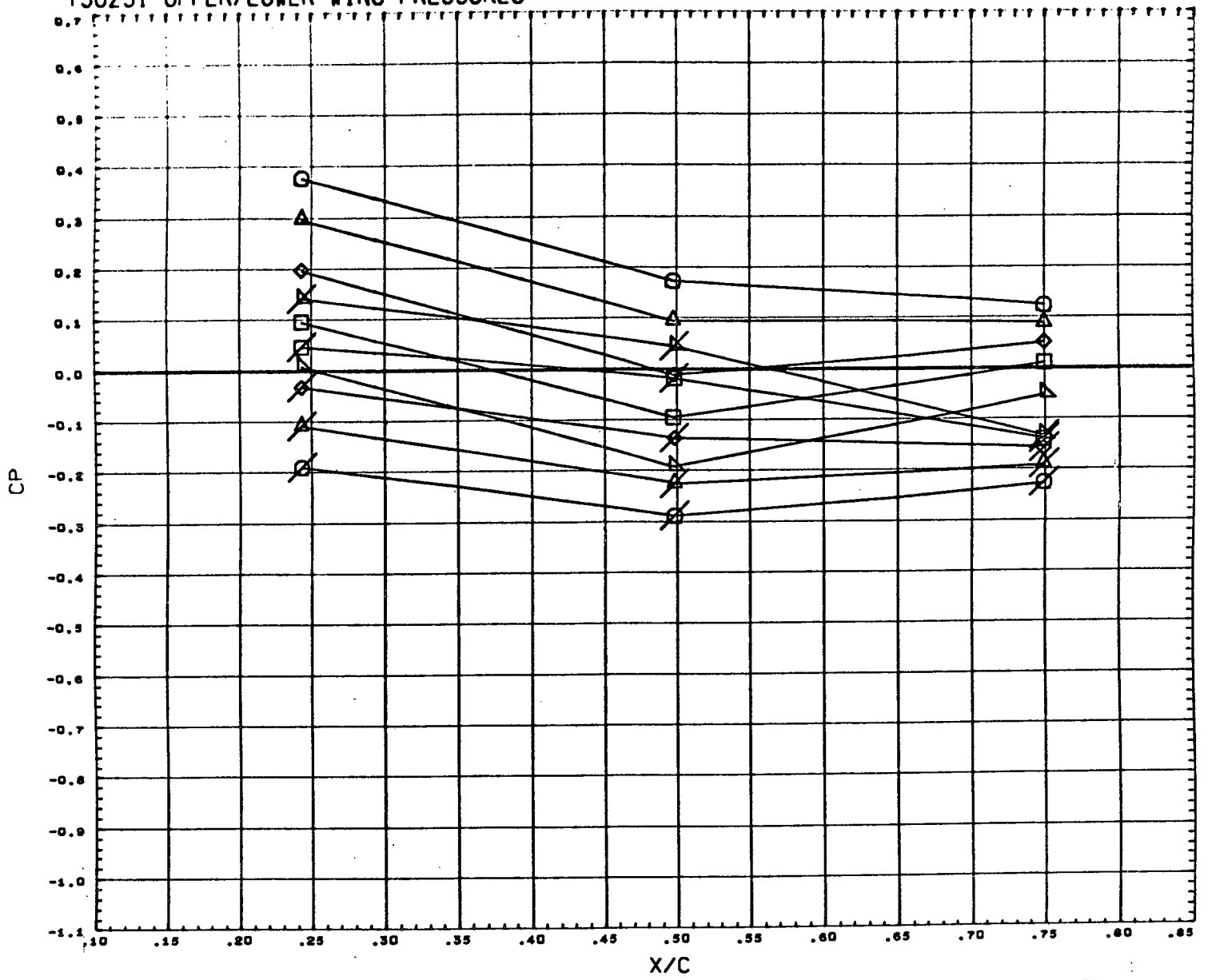
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



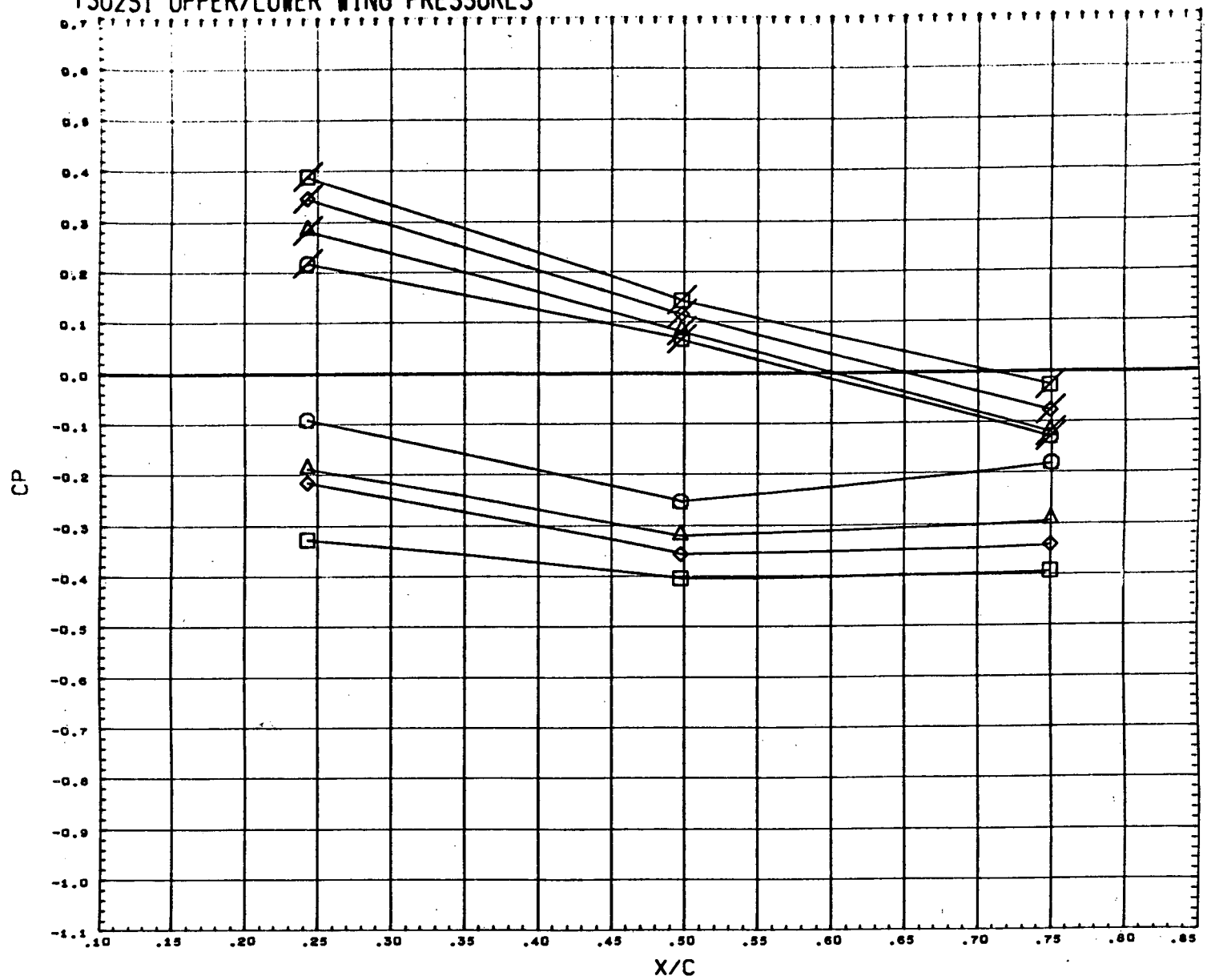
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.196
△	6.000		
◇	4.000		
□	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



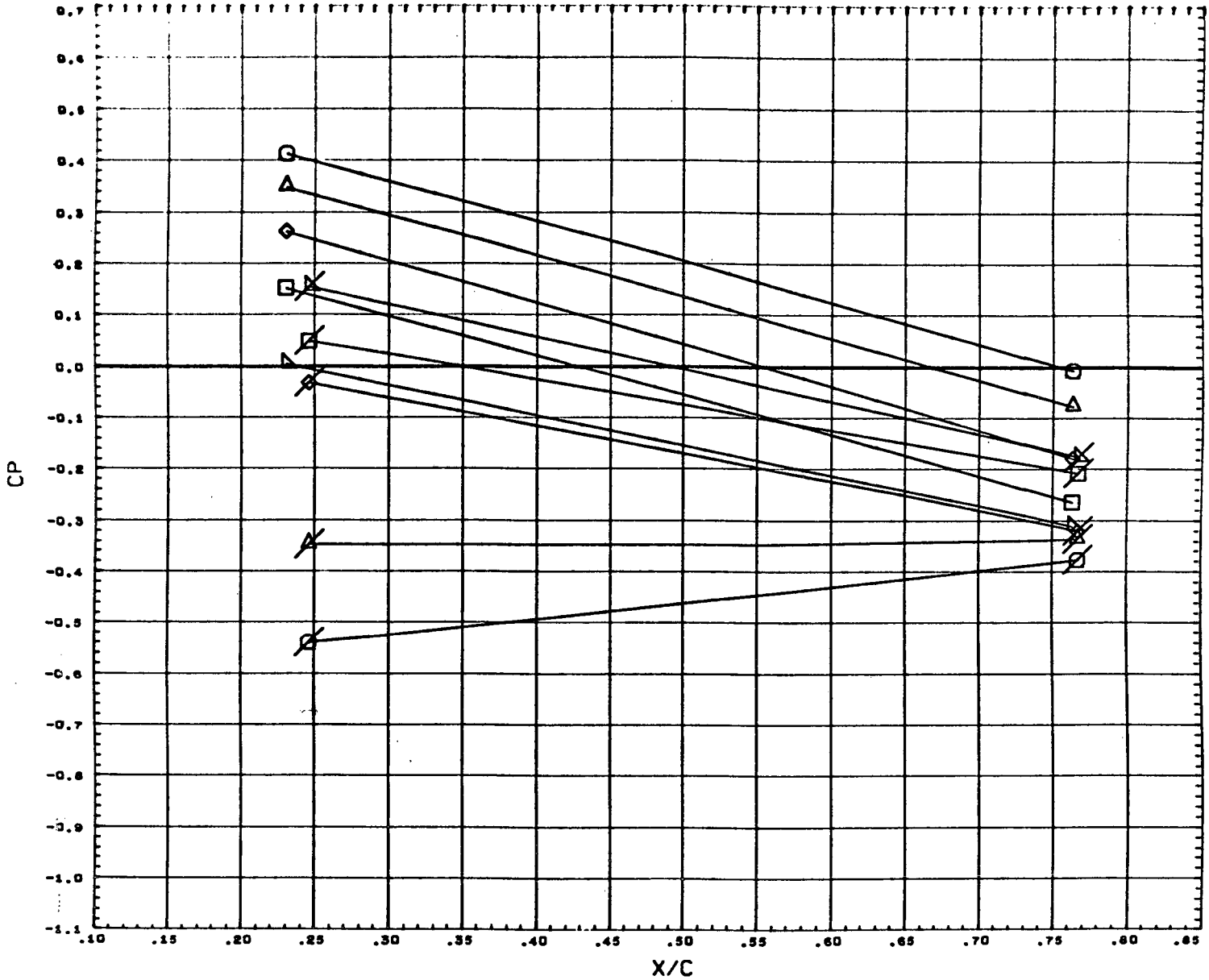
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.196
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



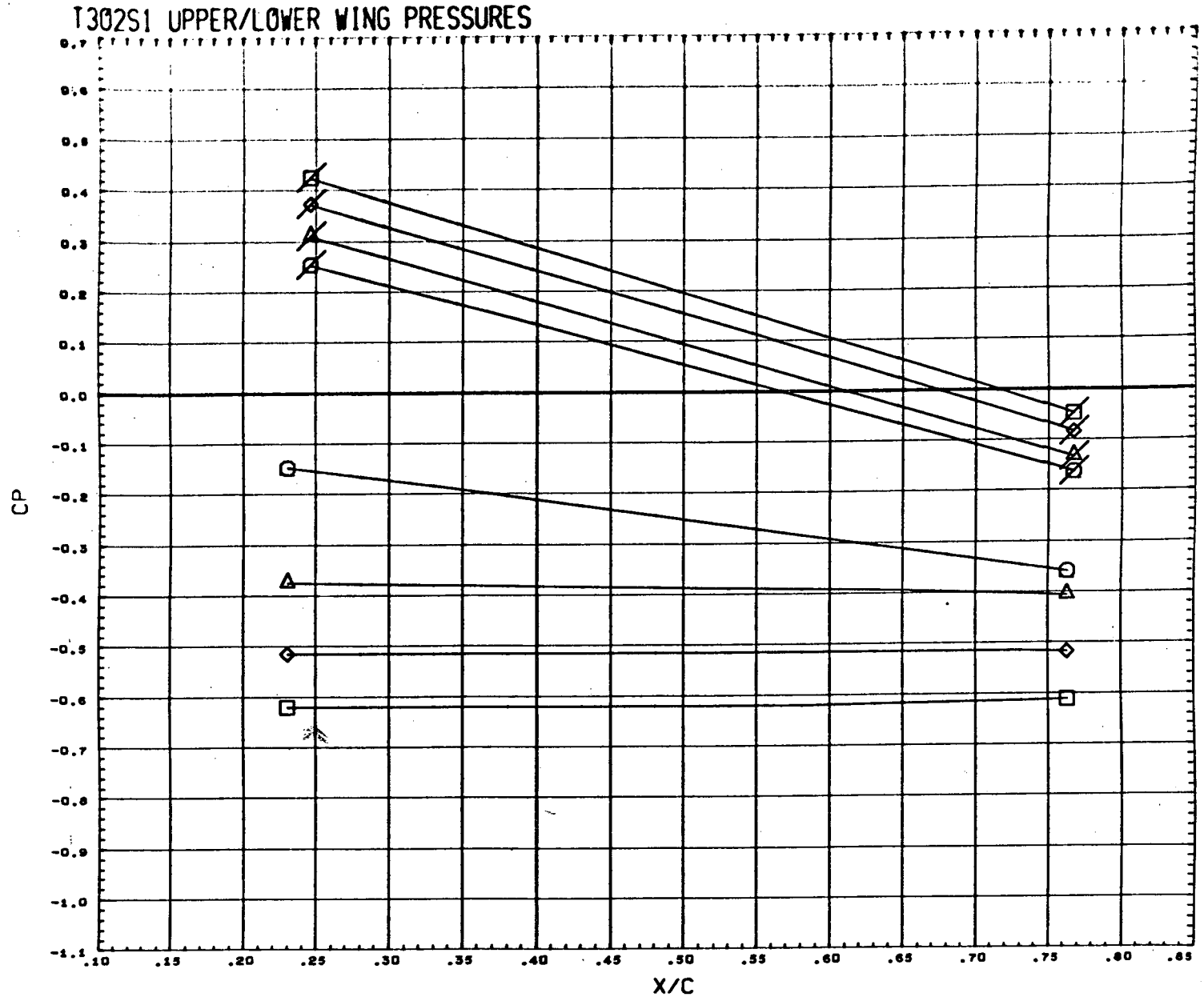
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.196
△	6.000		
◇	4.000		
□	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



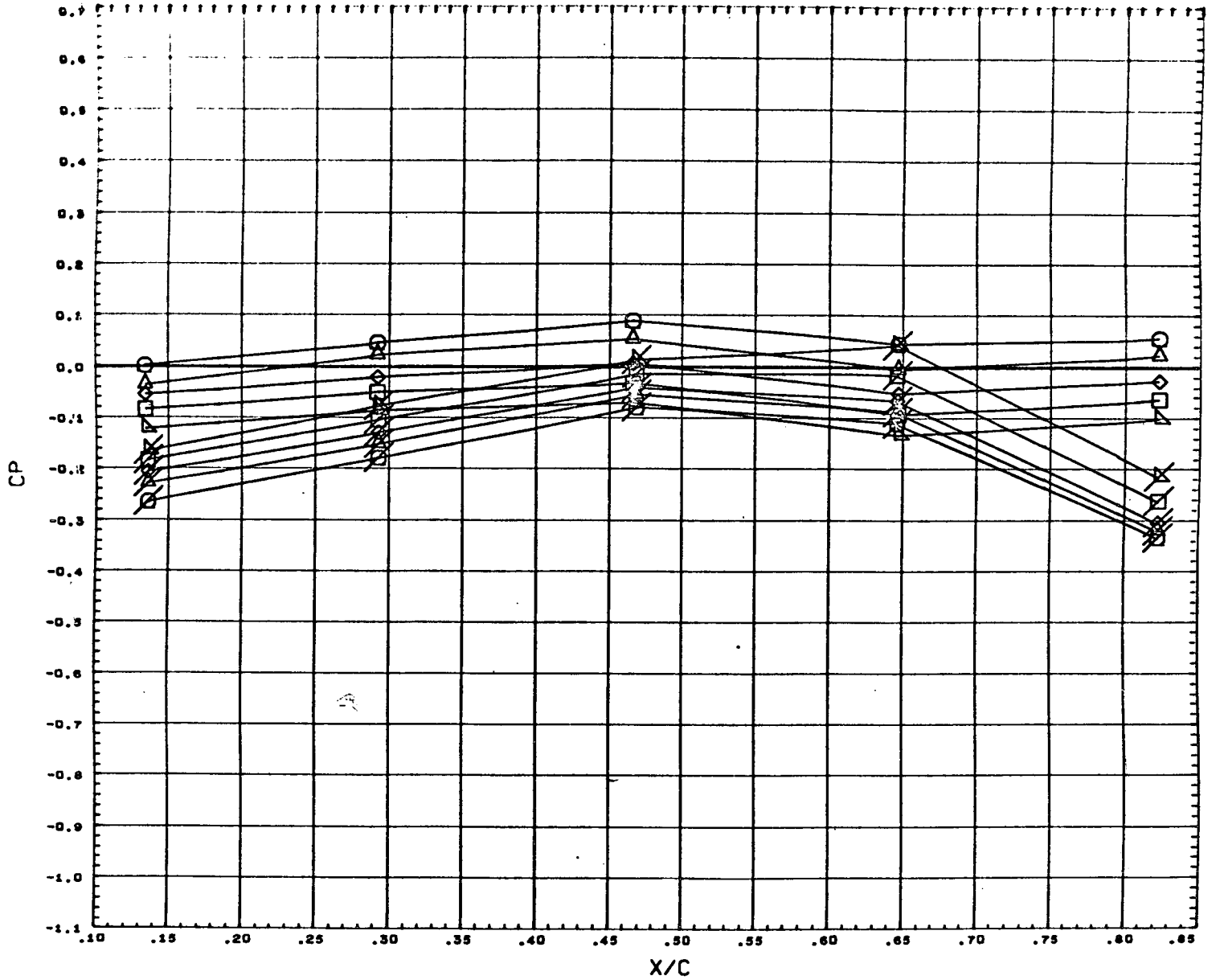
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.196
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



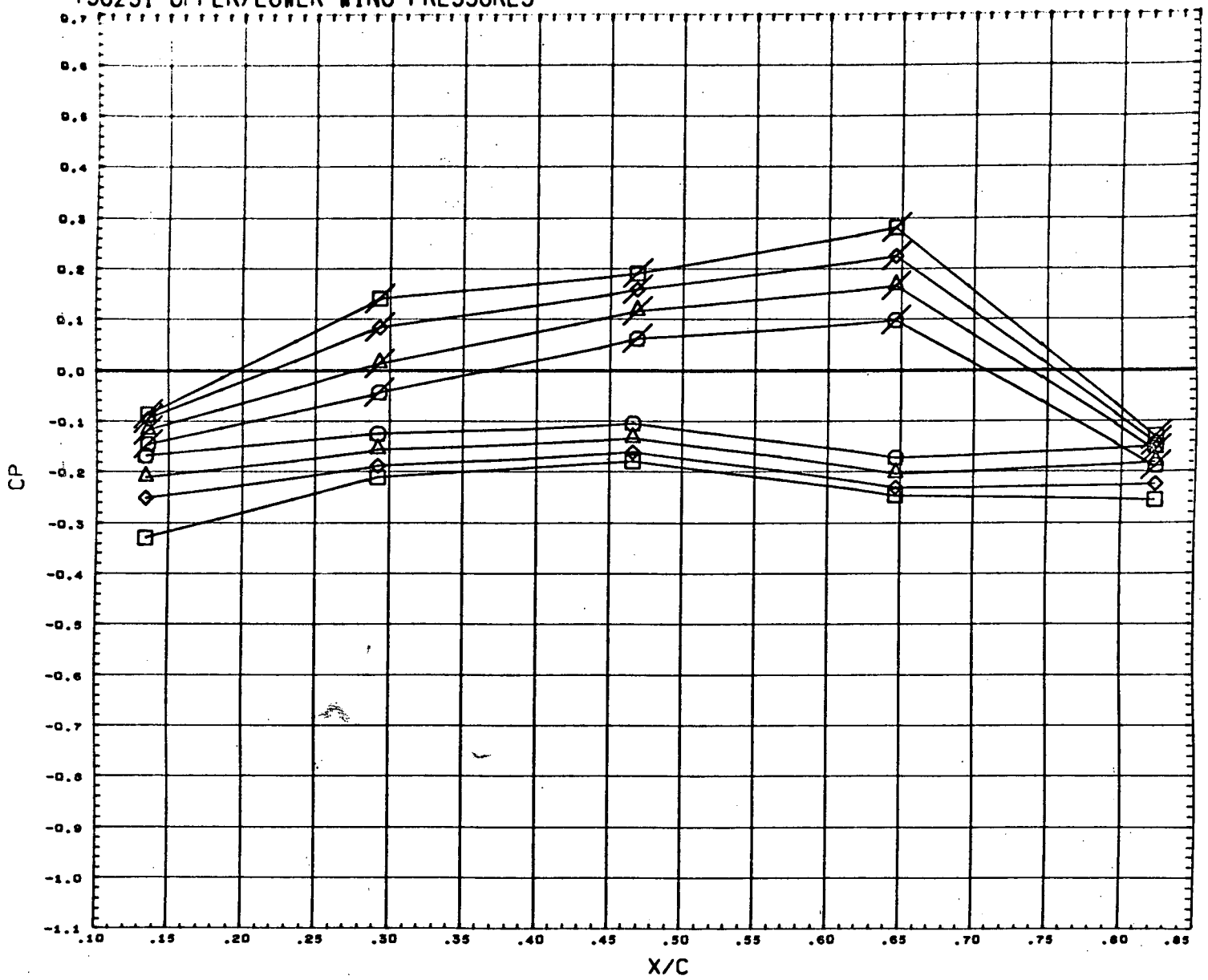
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.465
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.465
△	4.000		
◇	6.000		
□	8.000		

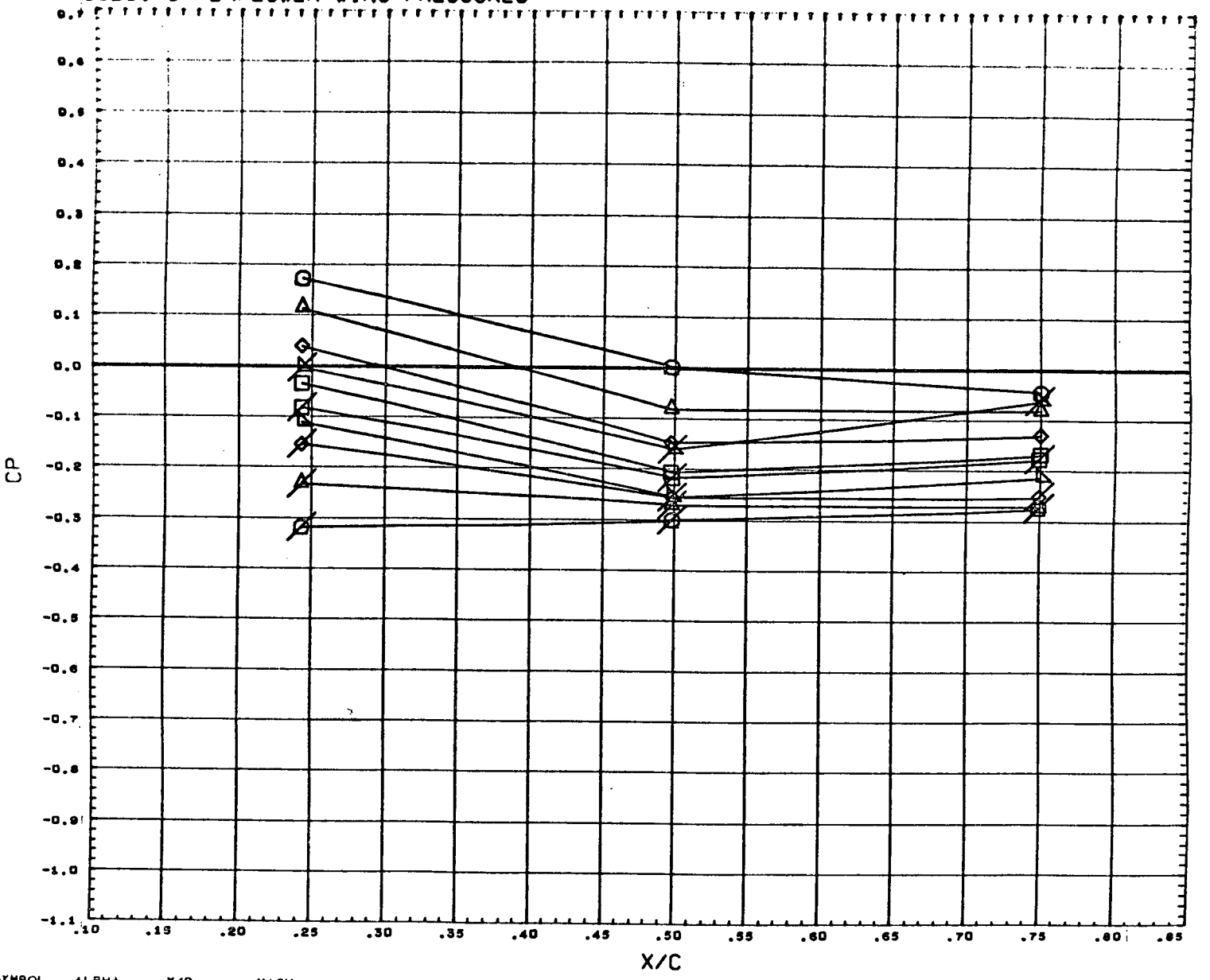
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



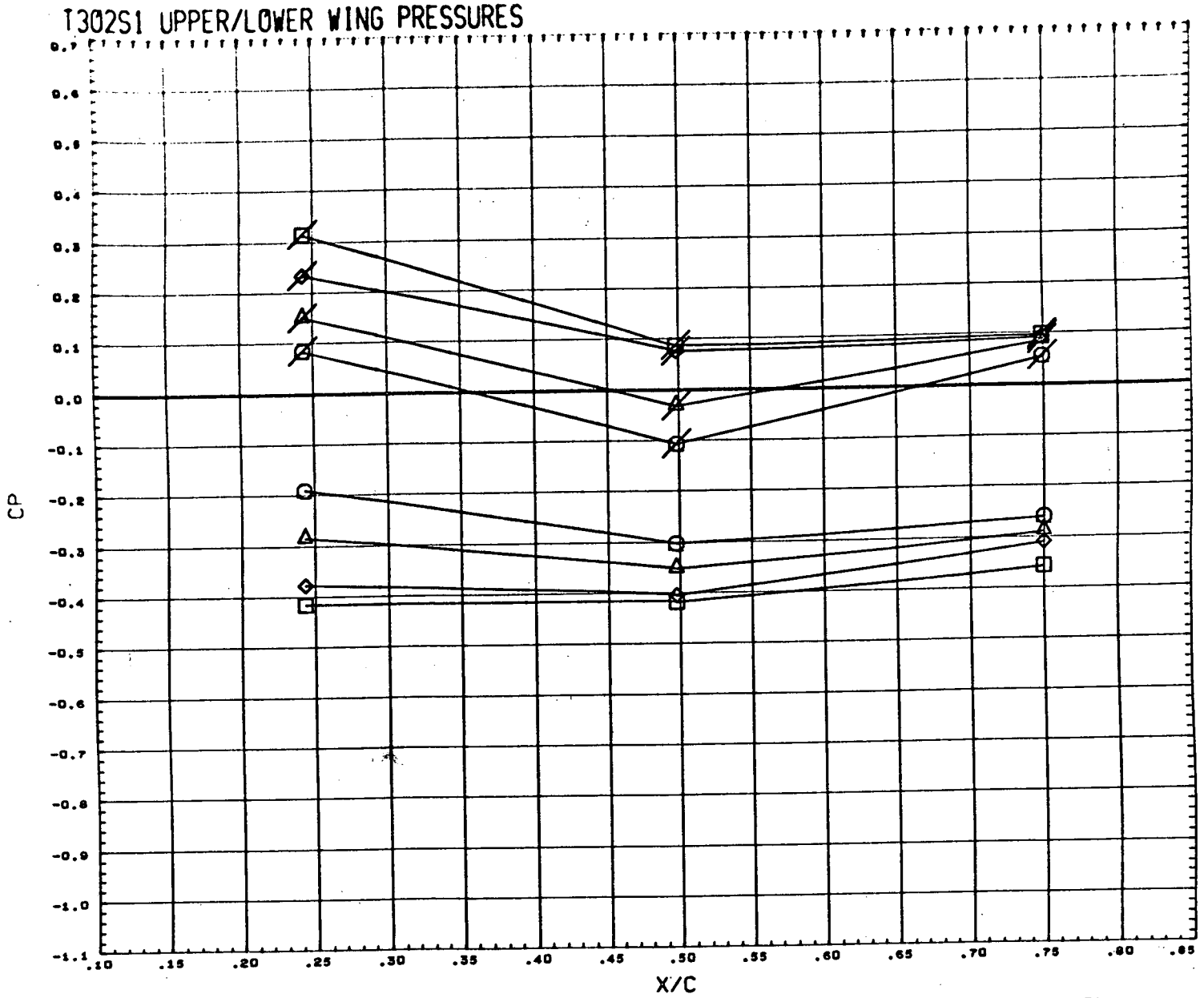
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.465
△	6.000		
◇	4.000		
□	2.000		
▽	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



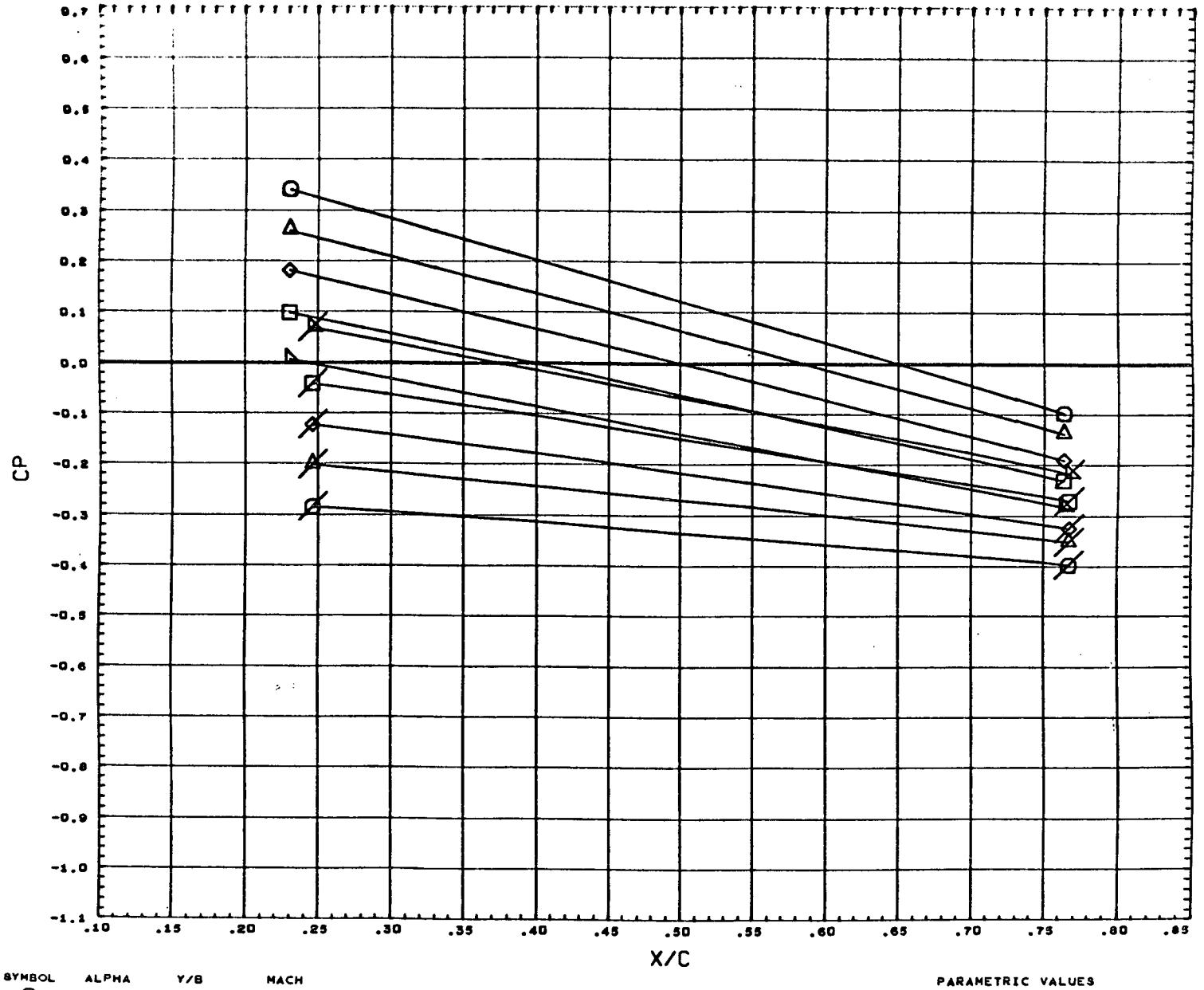
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.465
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



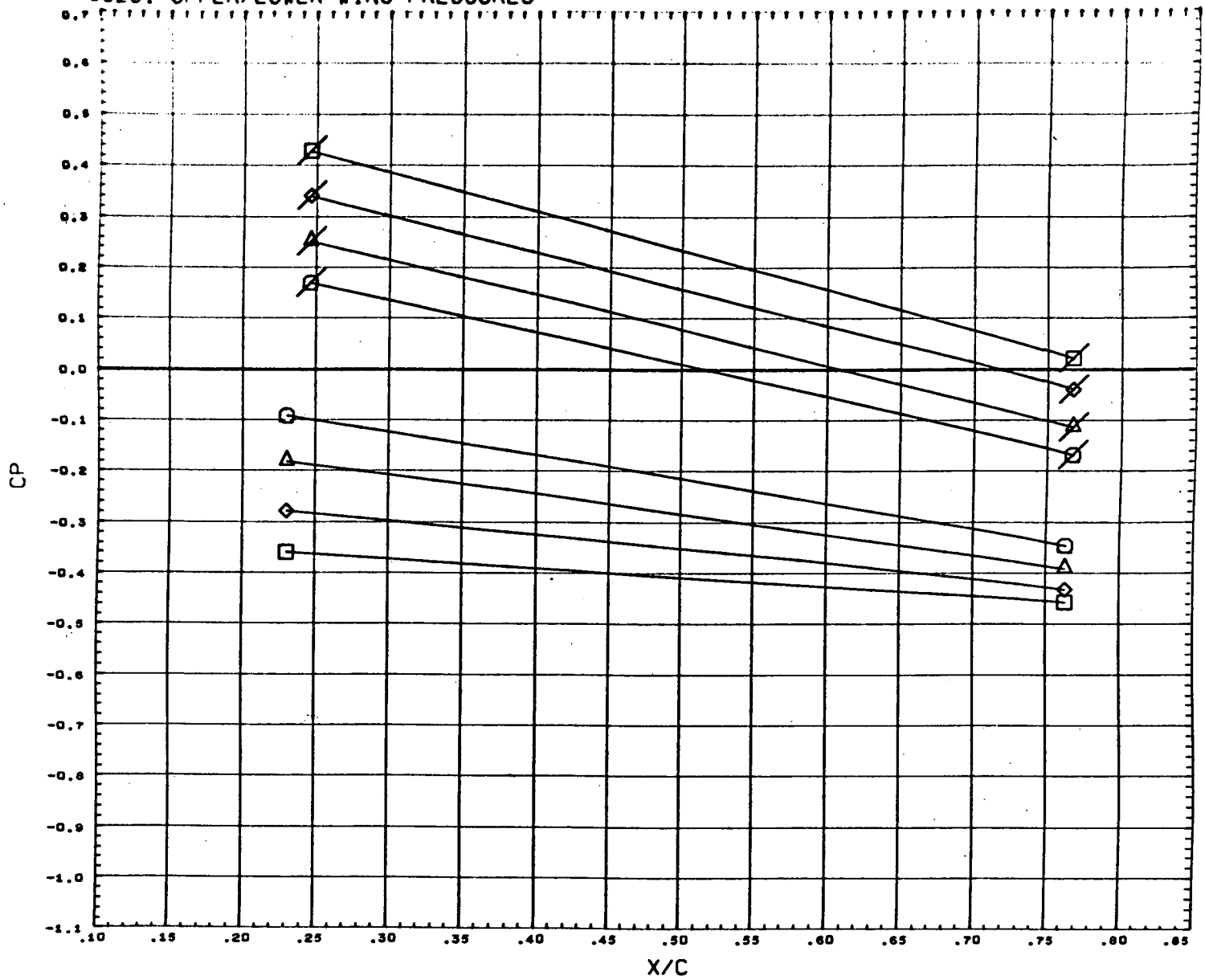
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.465
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



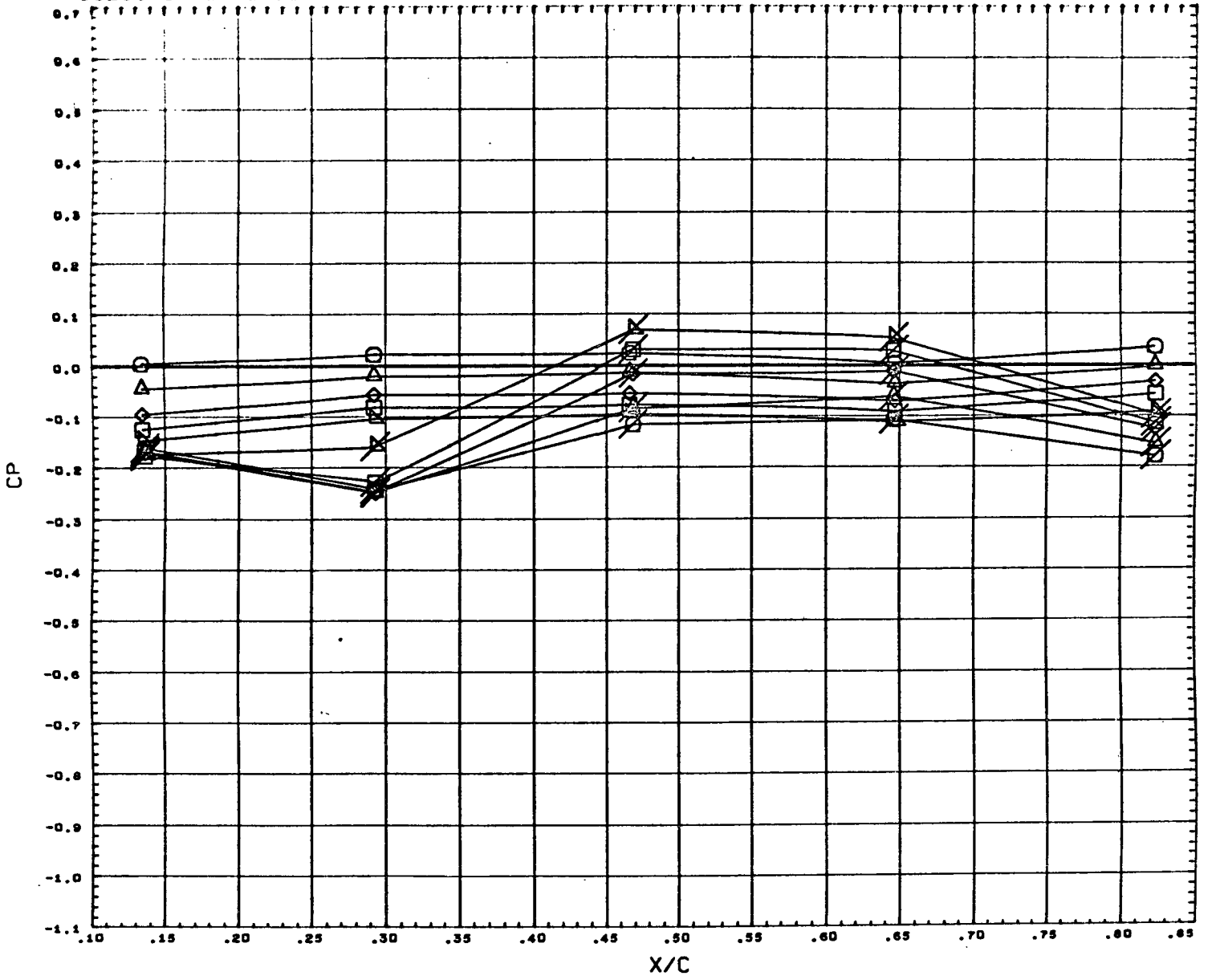
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.465
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



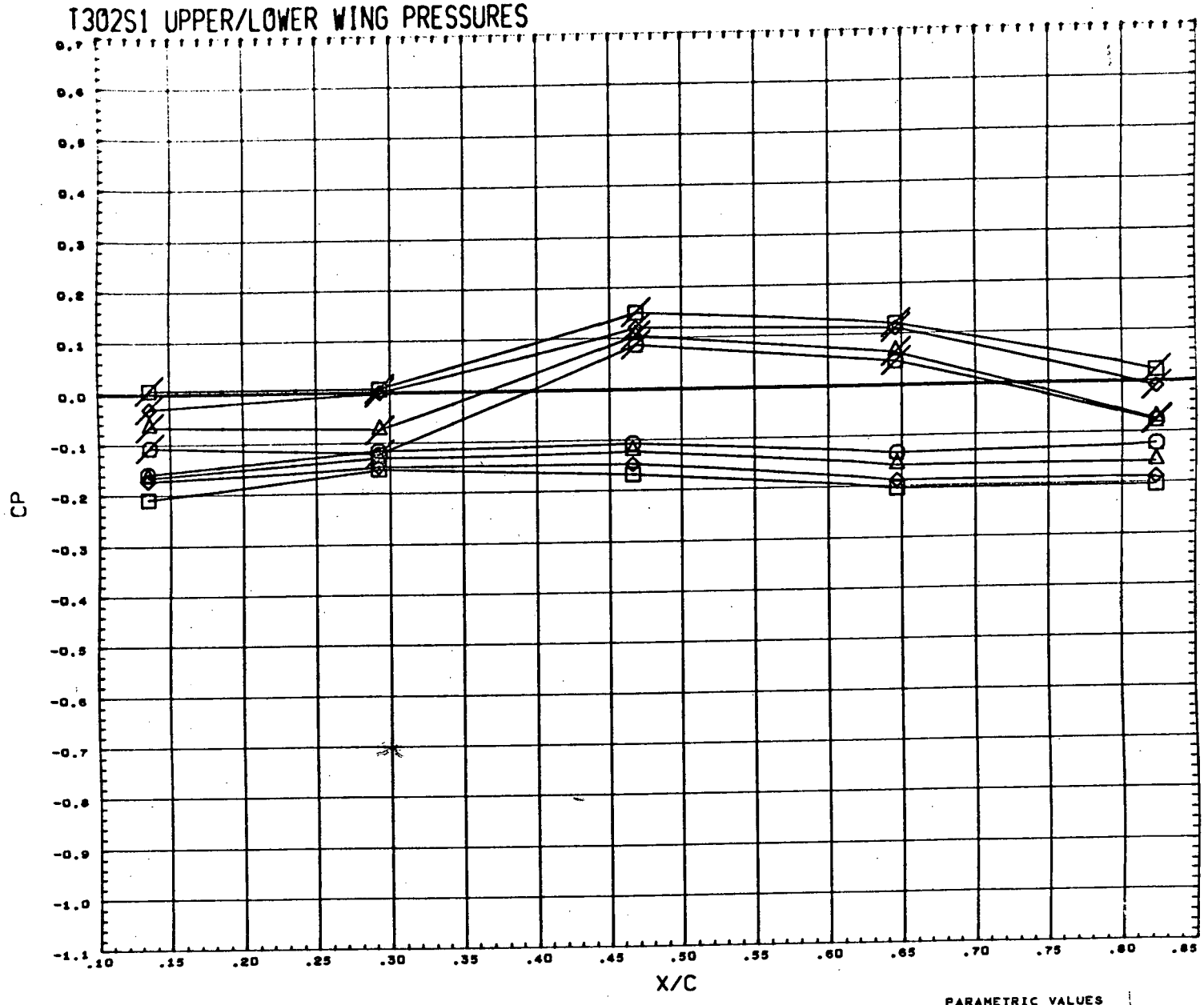
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.947
△	6.000		
◇	4.000		
□	2.000		
	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.947
△	4.000		
◇	6.000		
□	8.000		

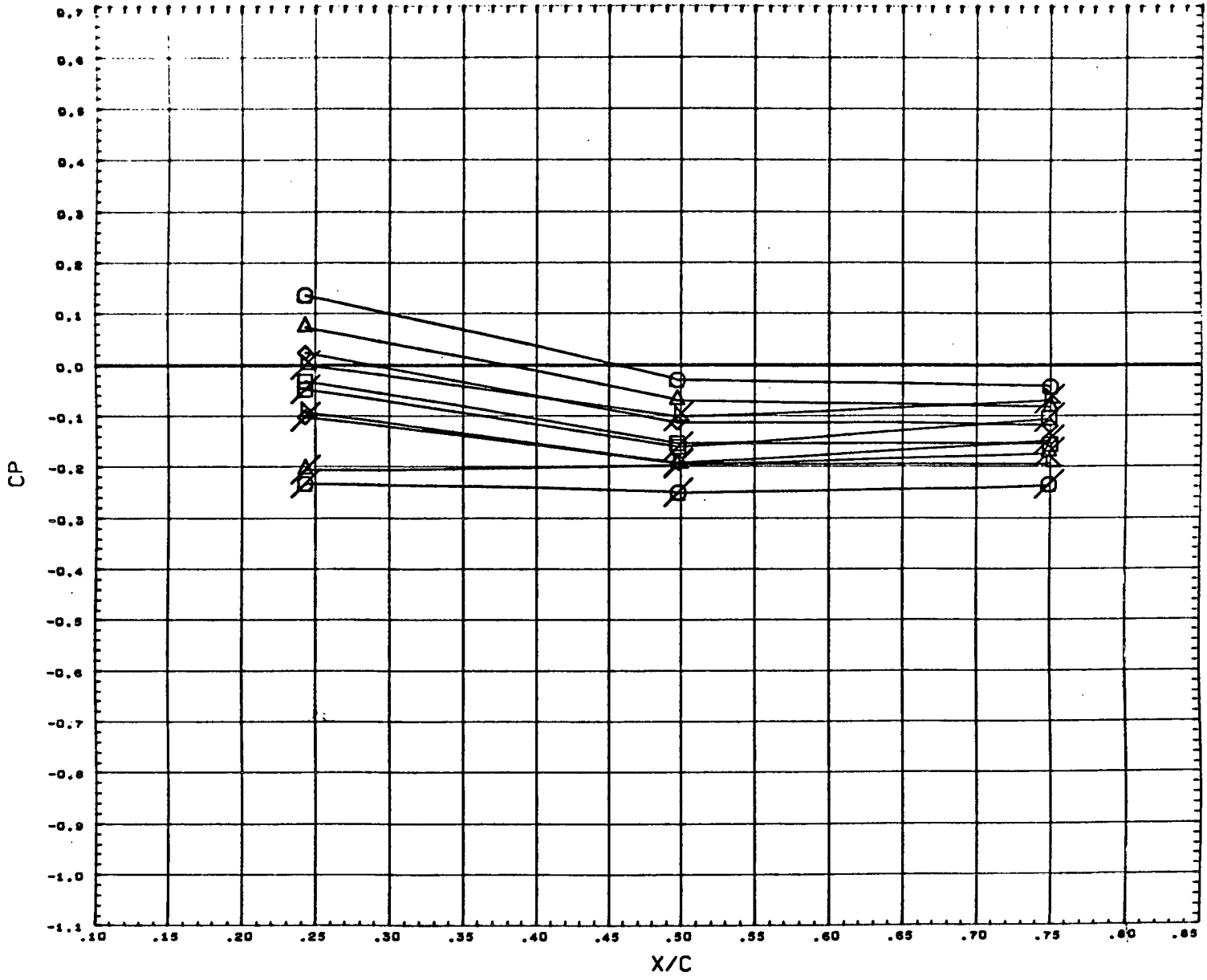
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



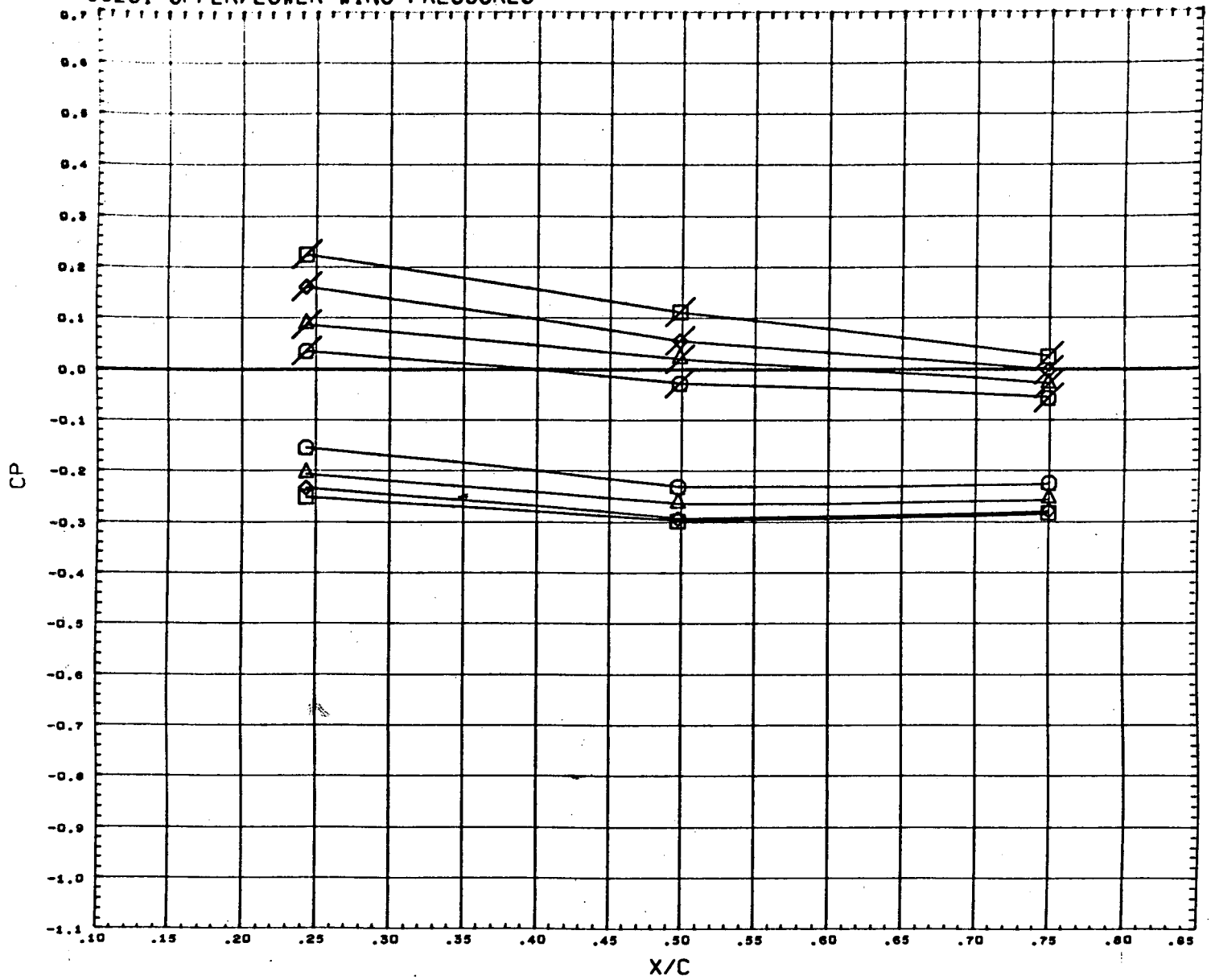
SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.947
△	6.000		
◇	4.000		
□	2.000		
↙	0.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



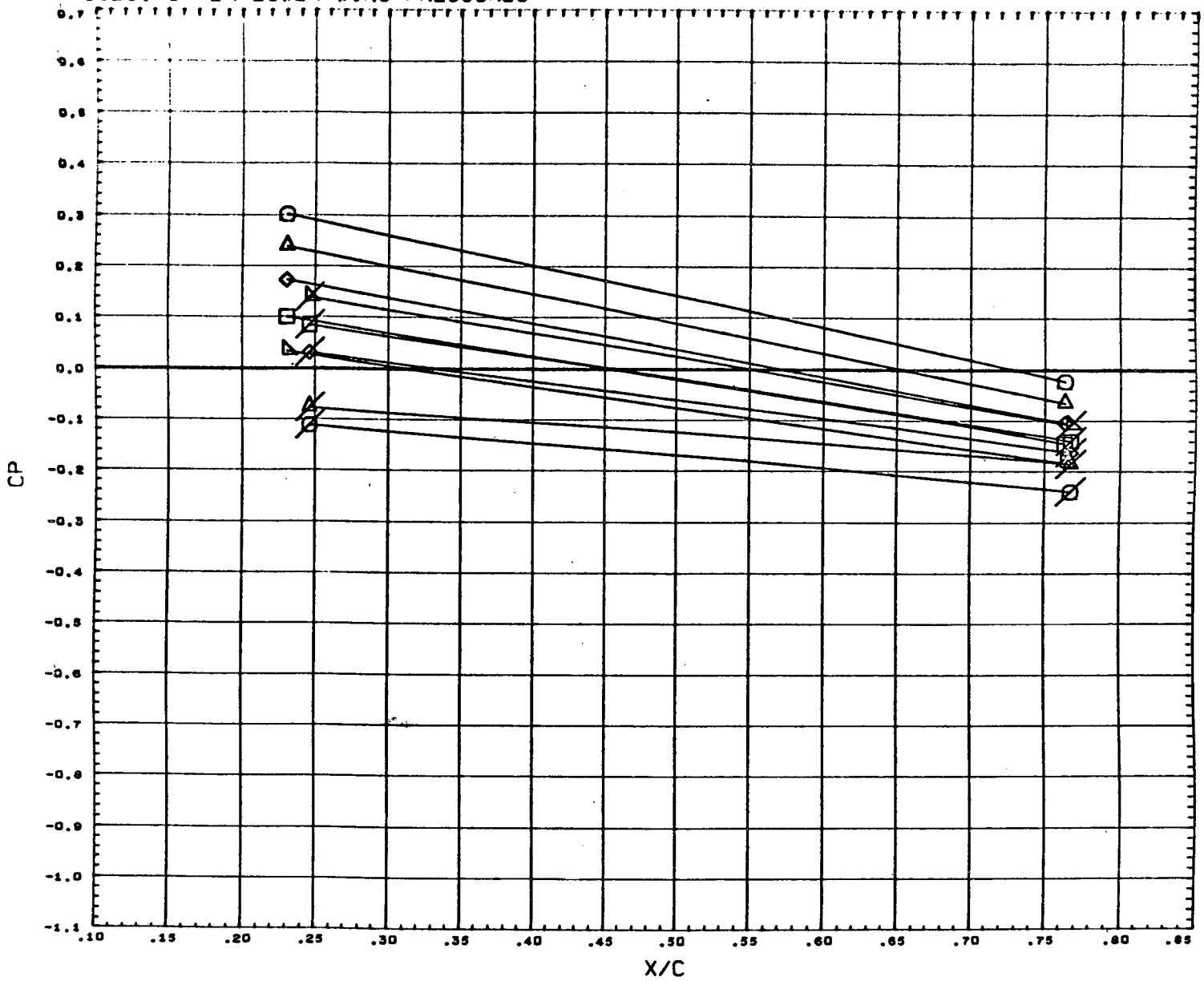
SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.947
△	4.000		
◇	6.000		
□	8.000		

PARAMETRIC VALUES

BETA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.947
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

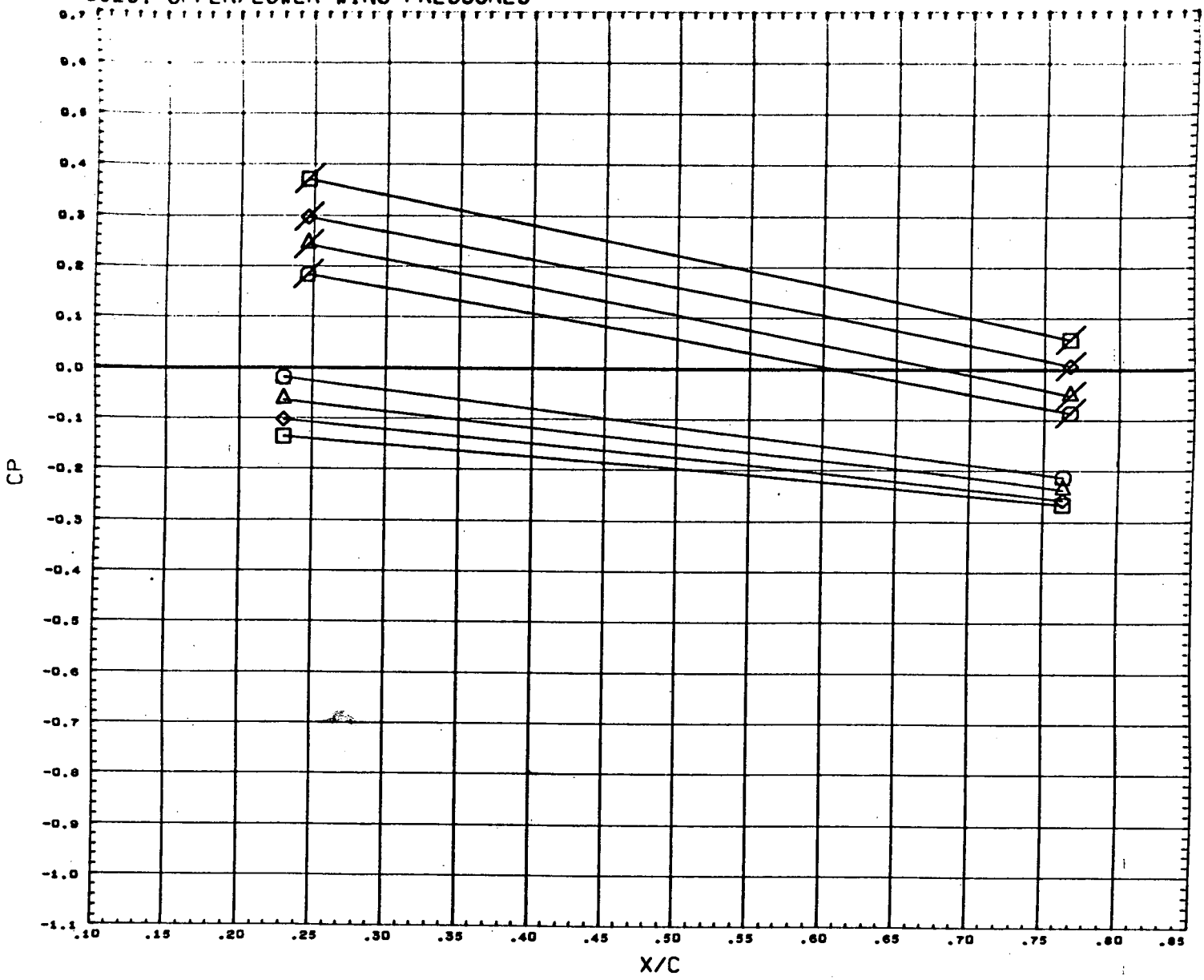
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.947
△	4.000		
◇	6.000		
□	8.000		

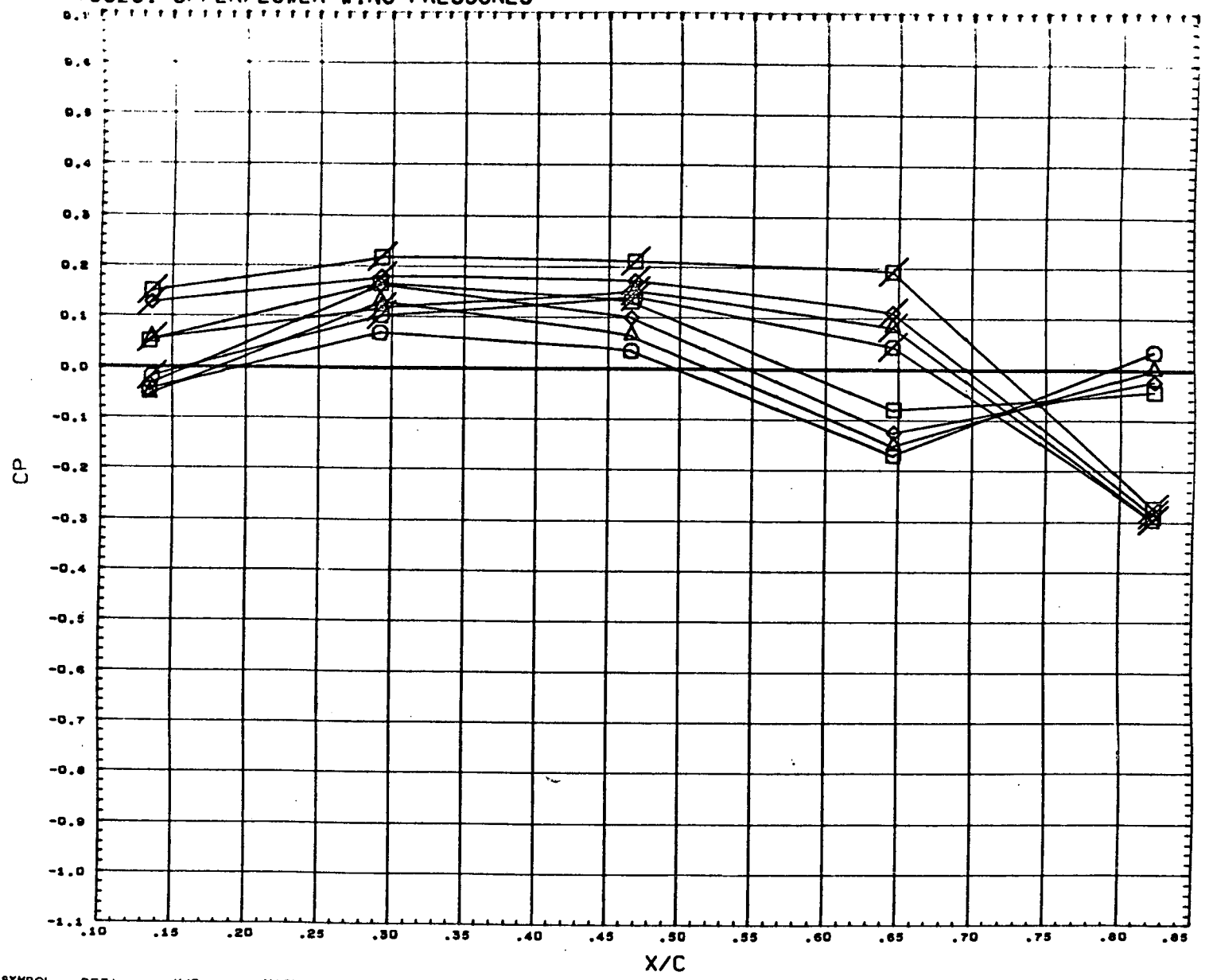
PARAMETRIC VALUES

BETA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73029)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73029)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



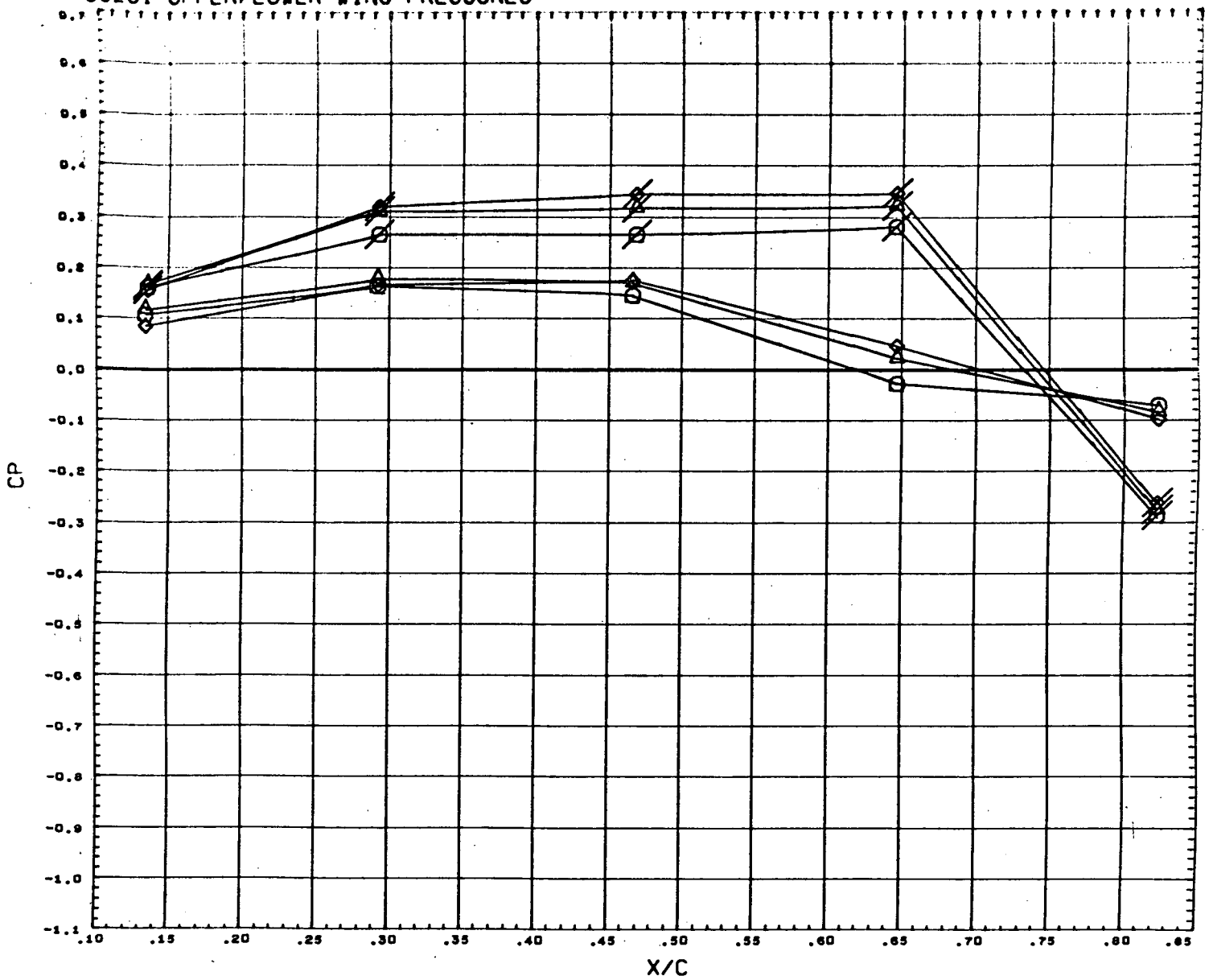
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



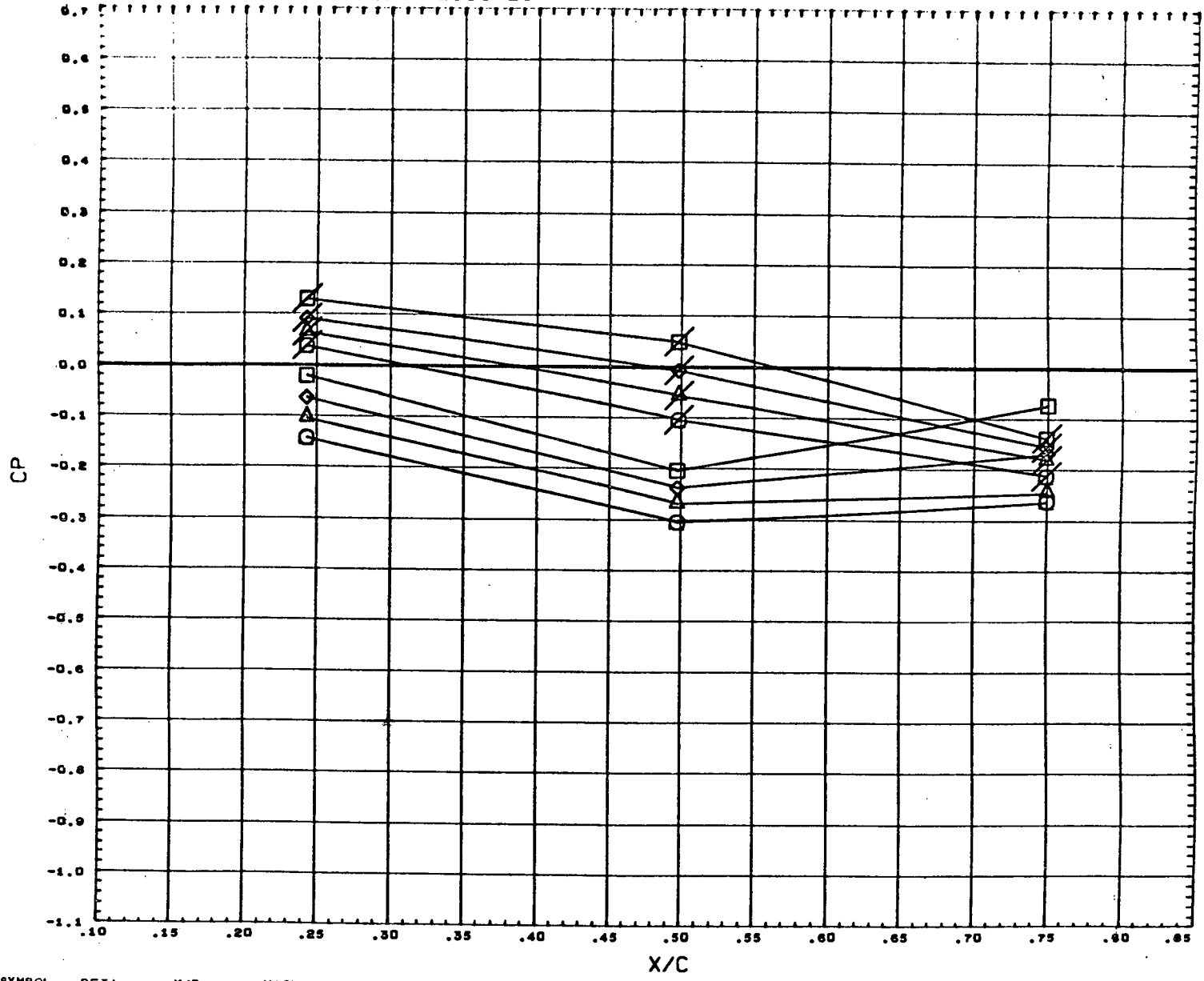
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



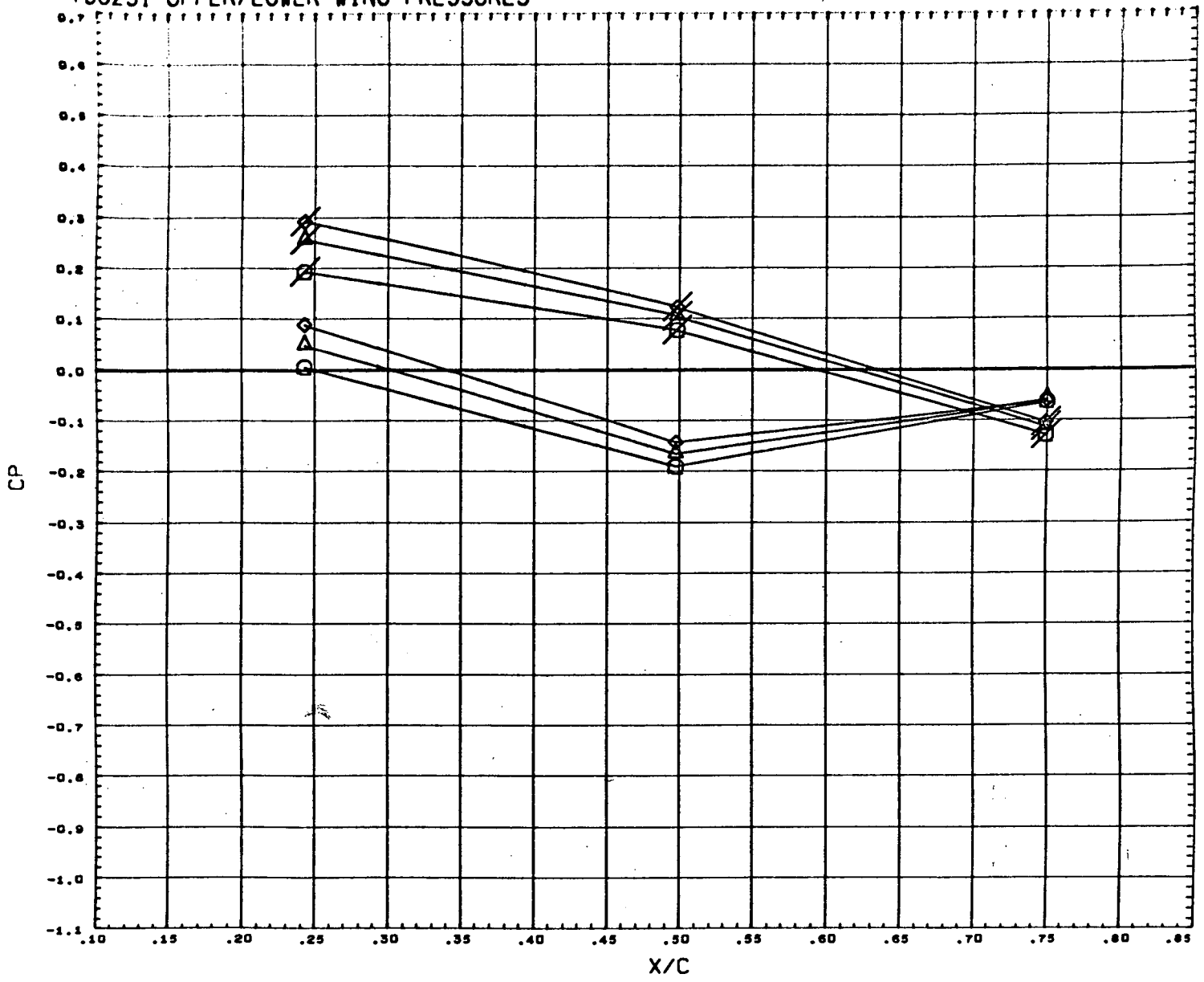
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



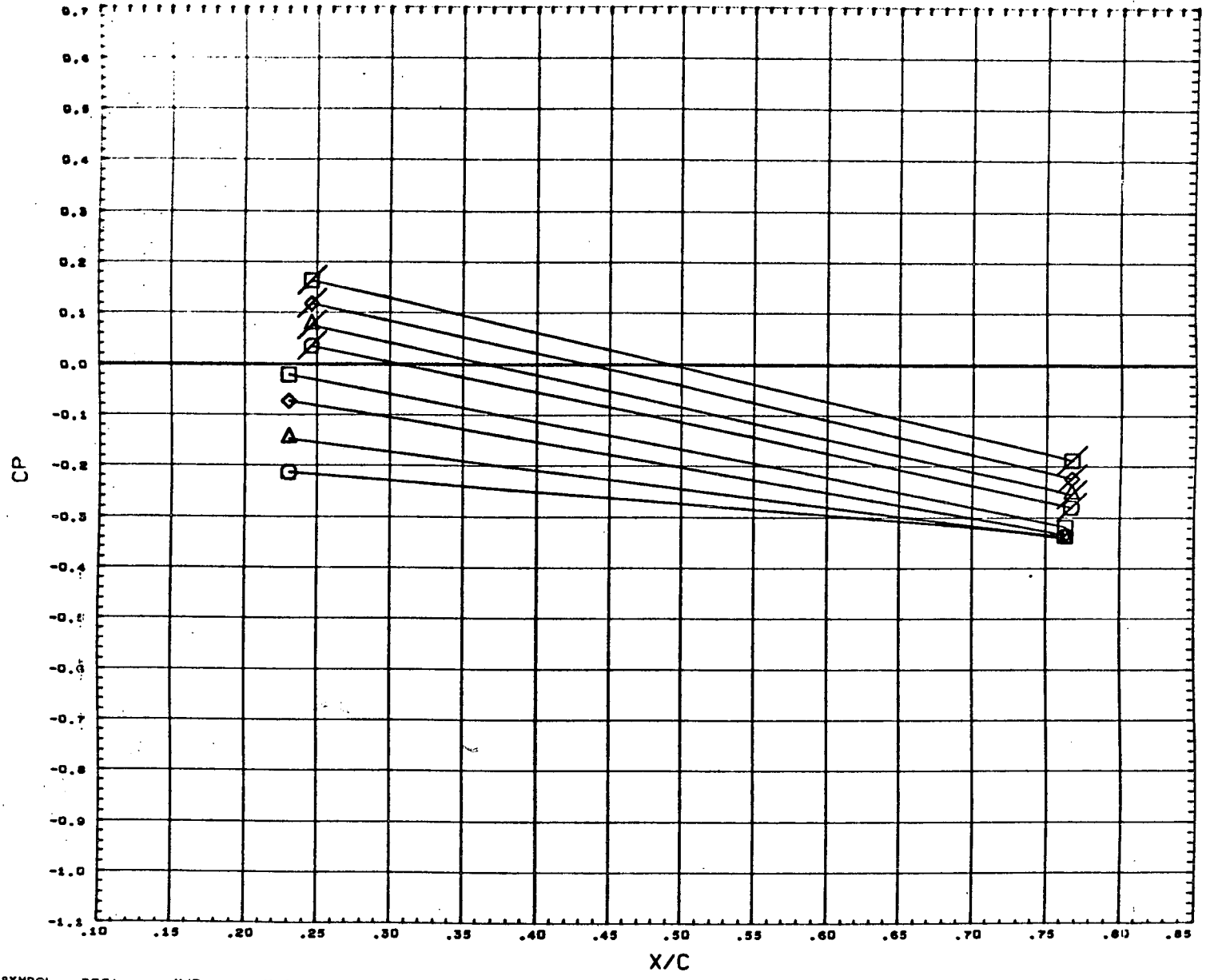
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.195
△	- 4.000		
◇	- 2.000		
□	0.000		

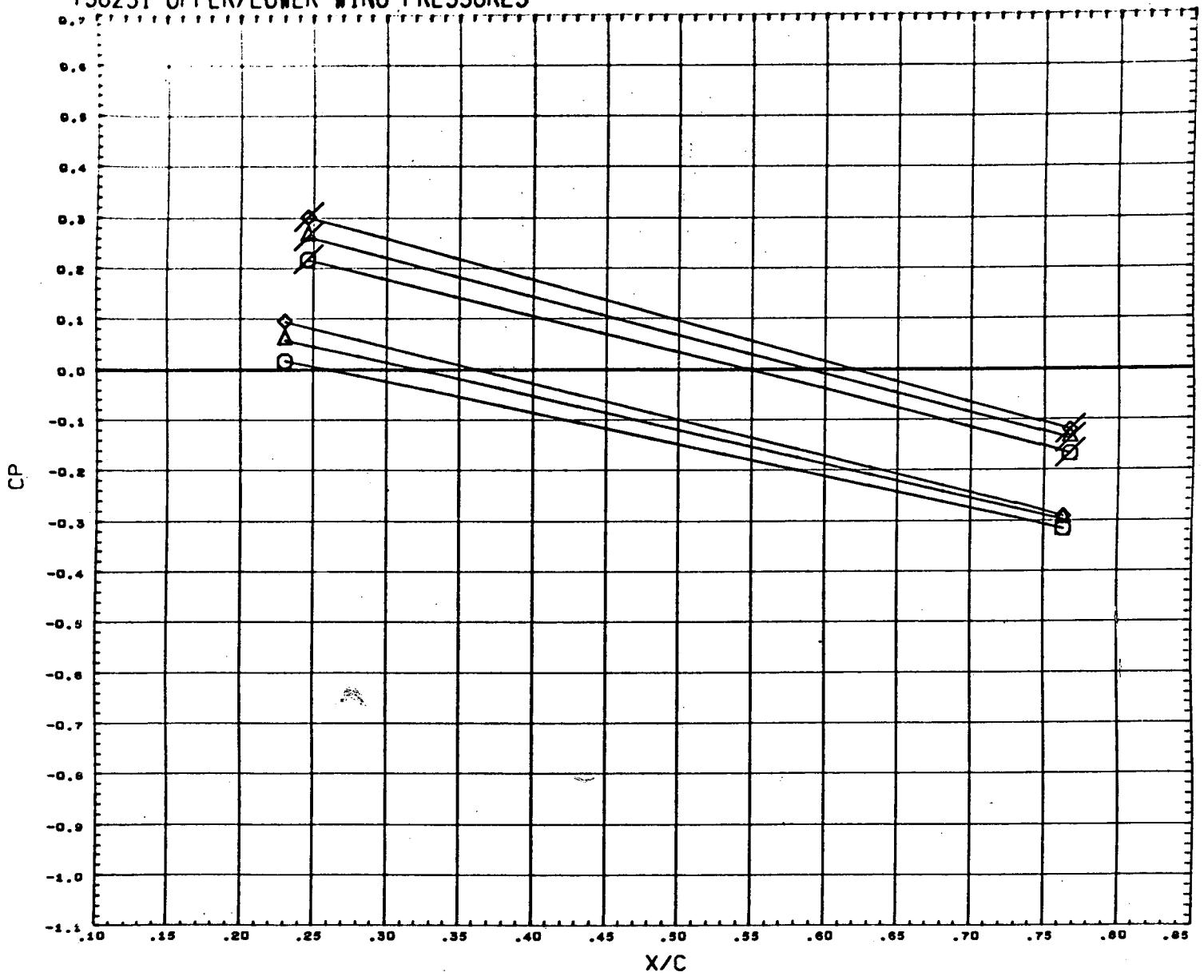
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



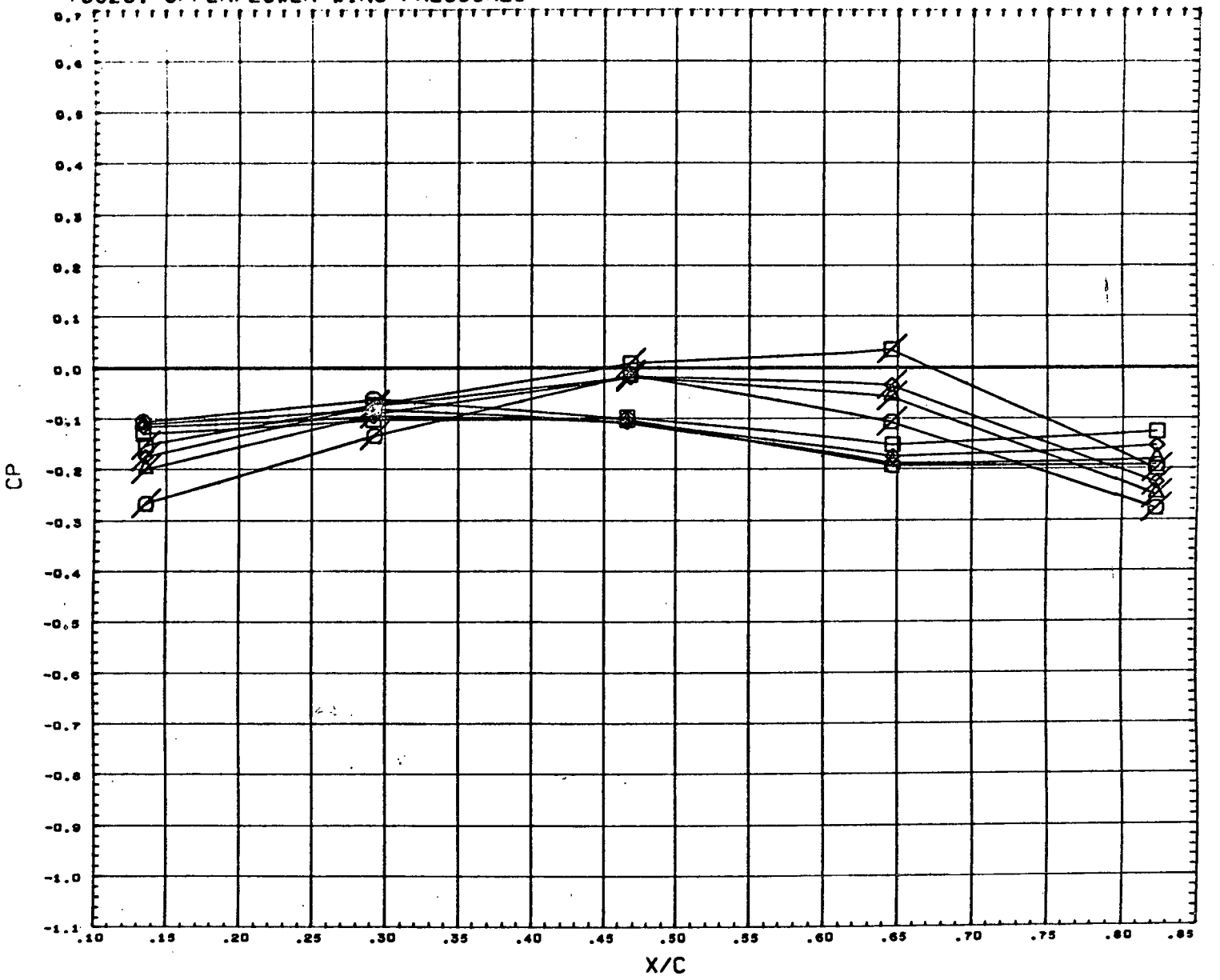
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.195
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



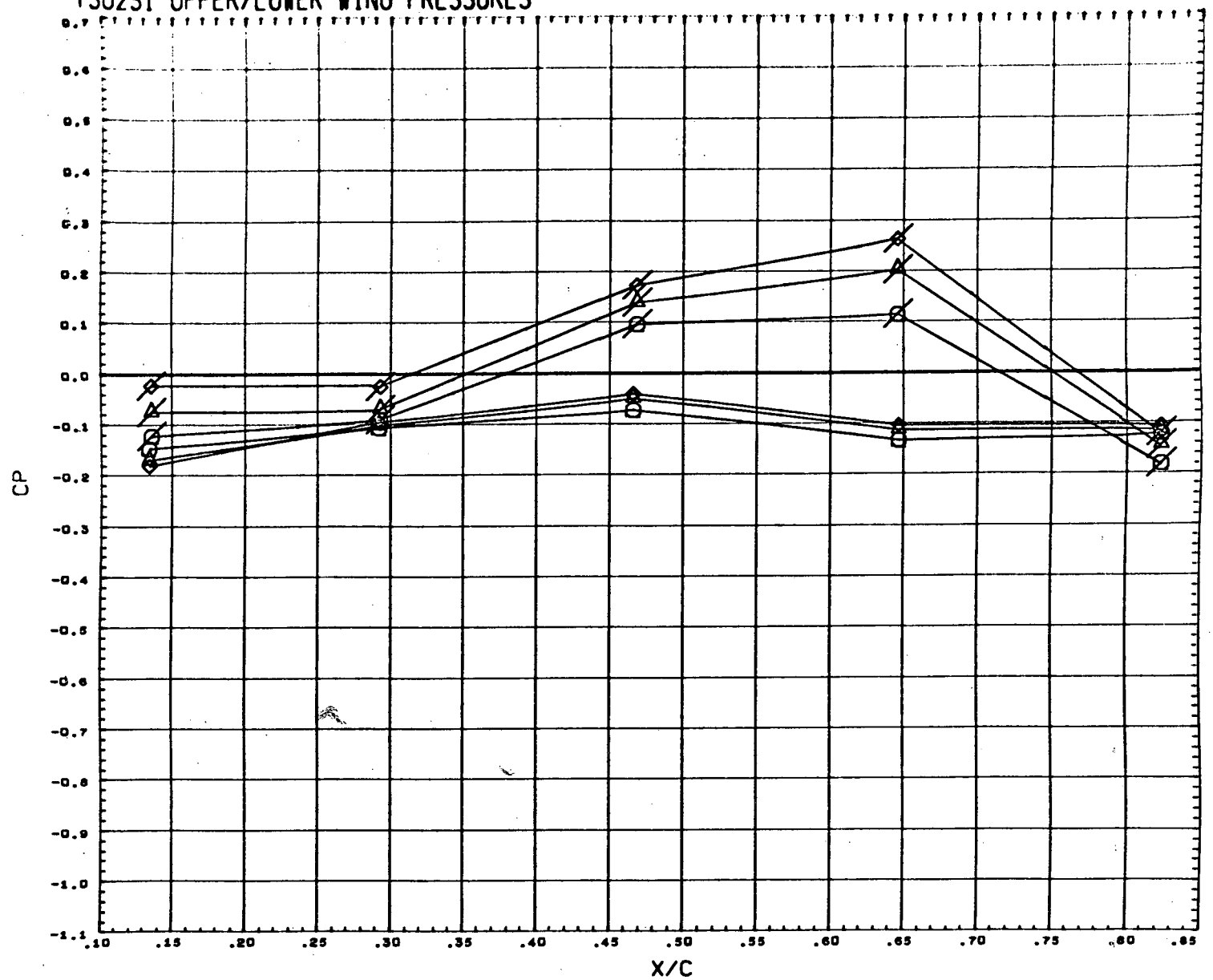
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.467
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



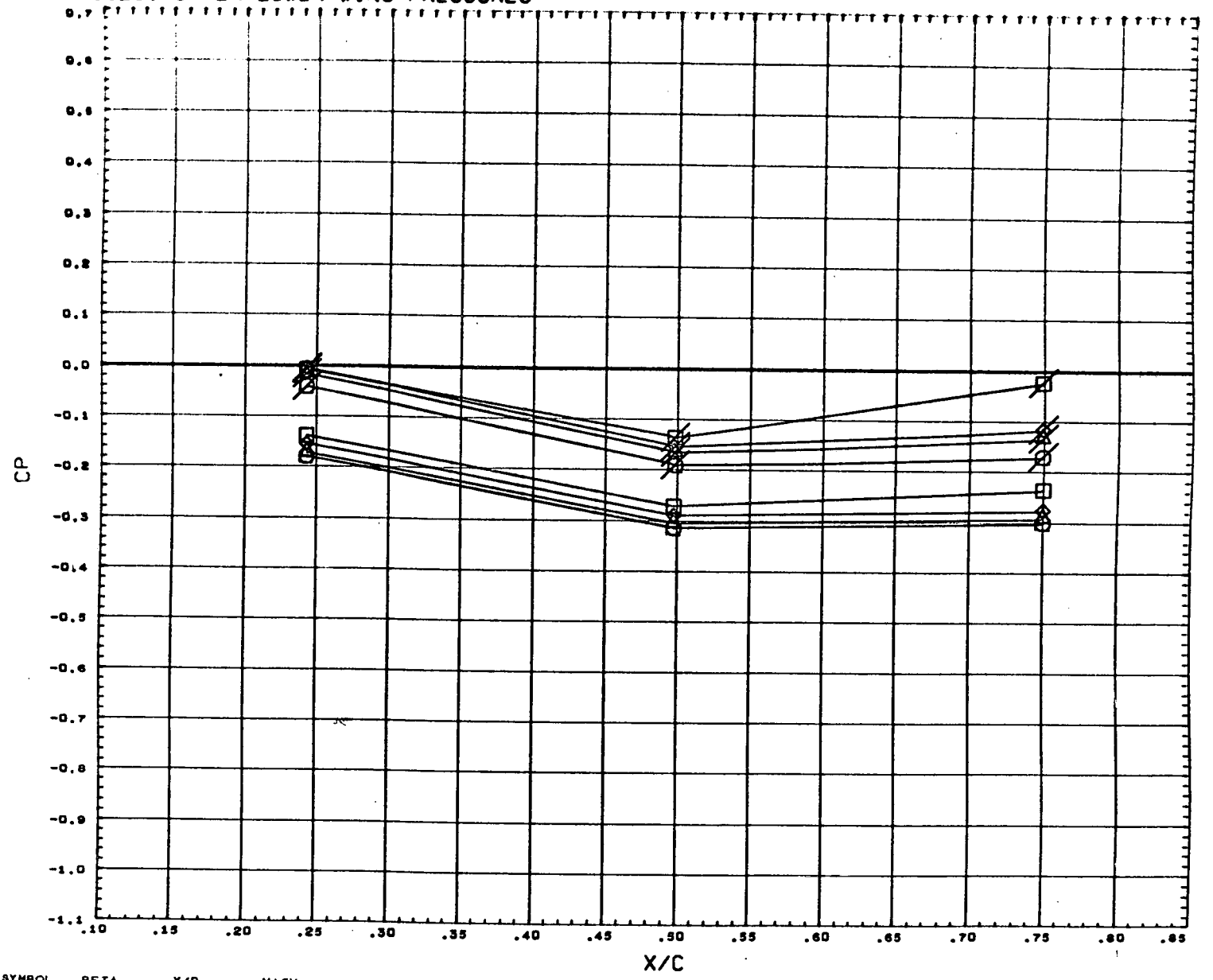
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.467
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.467
△	- 4.000		
◇	- 2.000		
□	0.000		

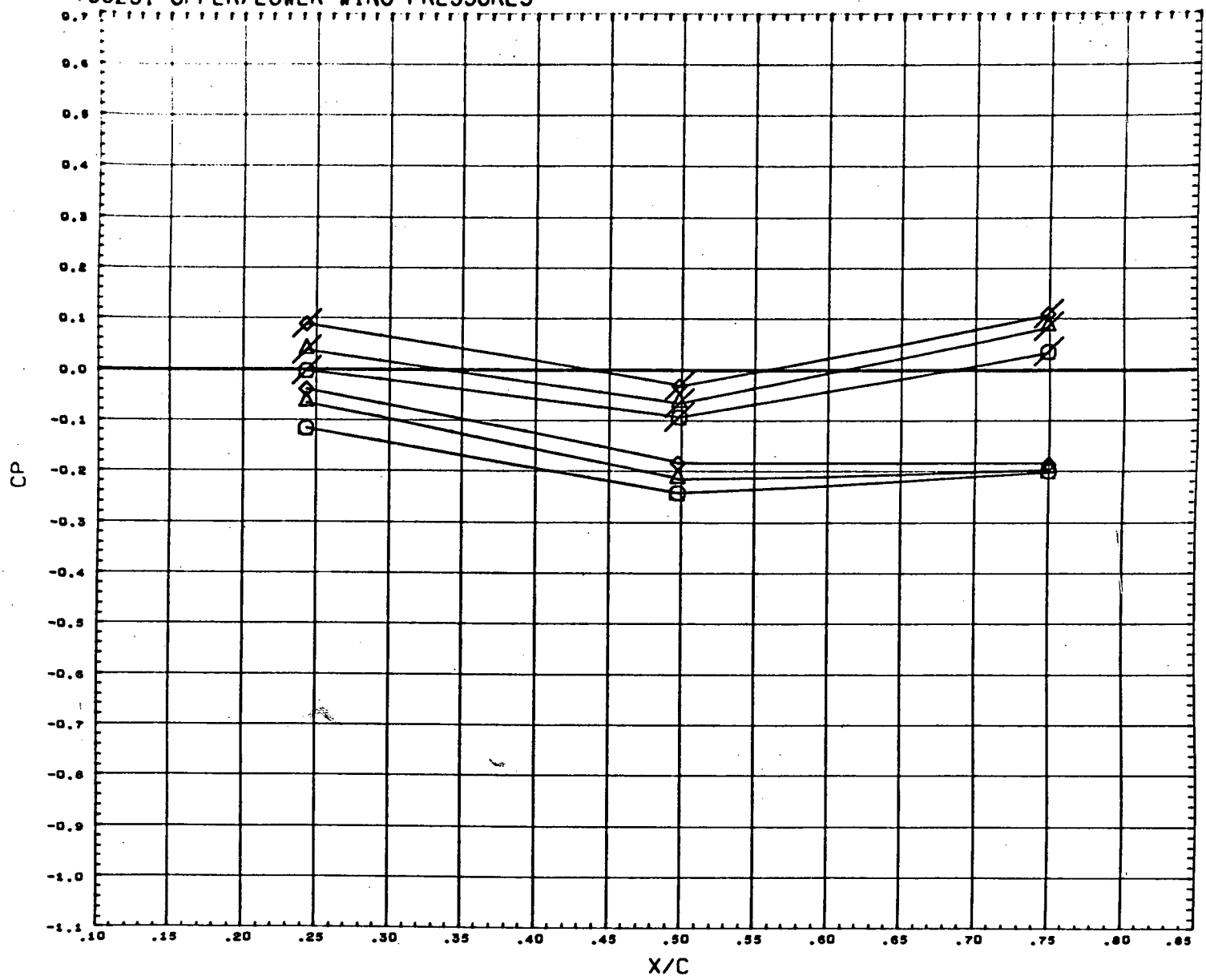
PARAMETRIC VALUES

ALPHA 0.000 ORBINC 0.000

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



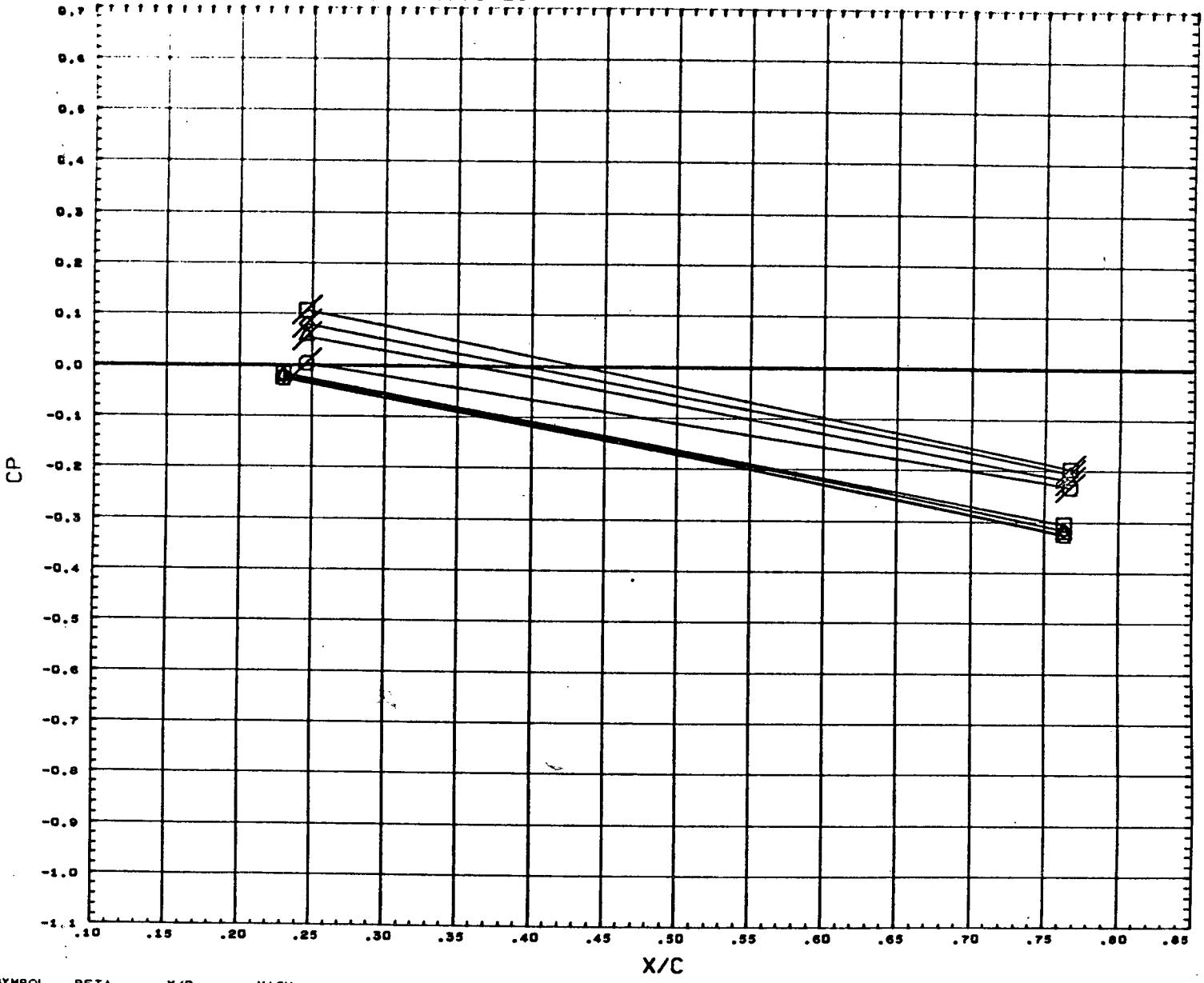
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.467
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



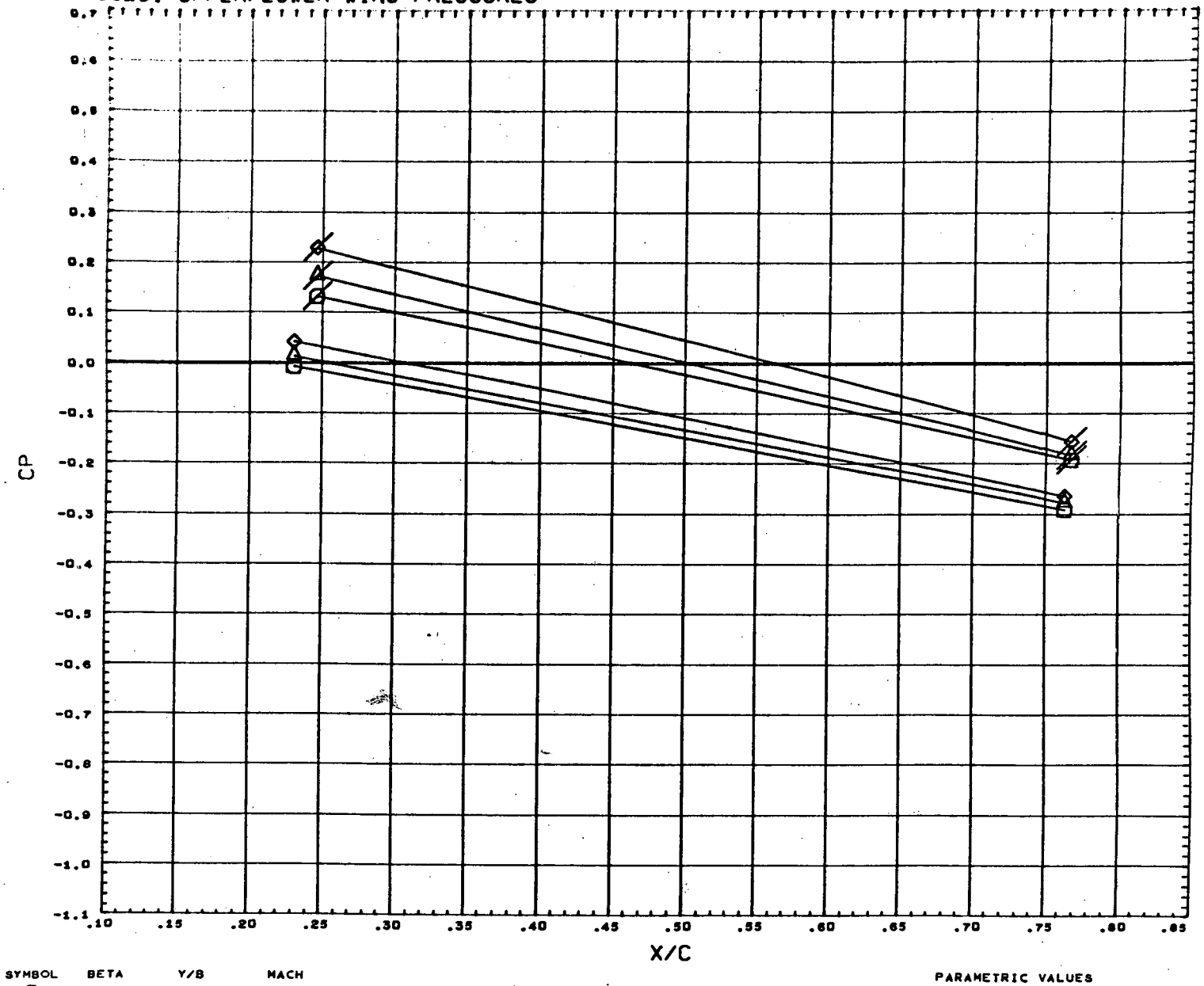
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.467
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



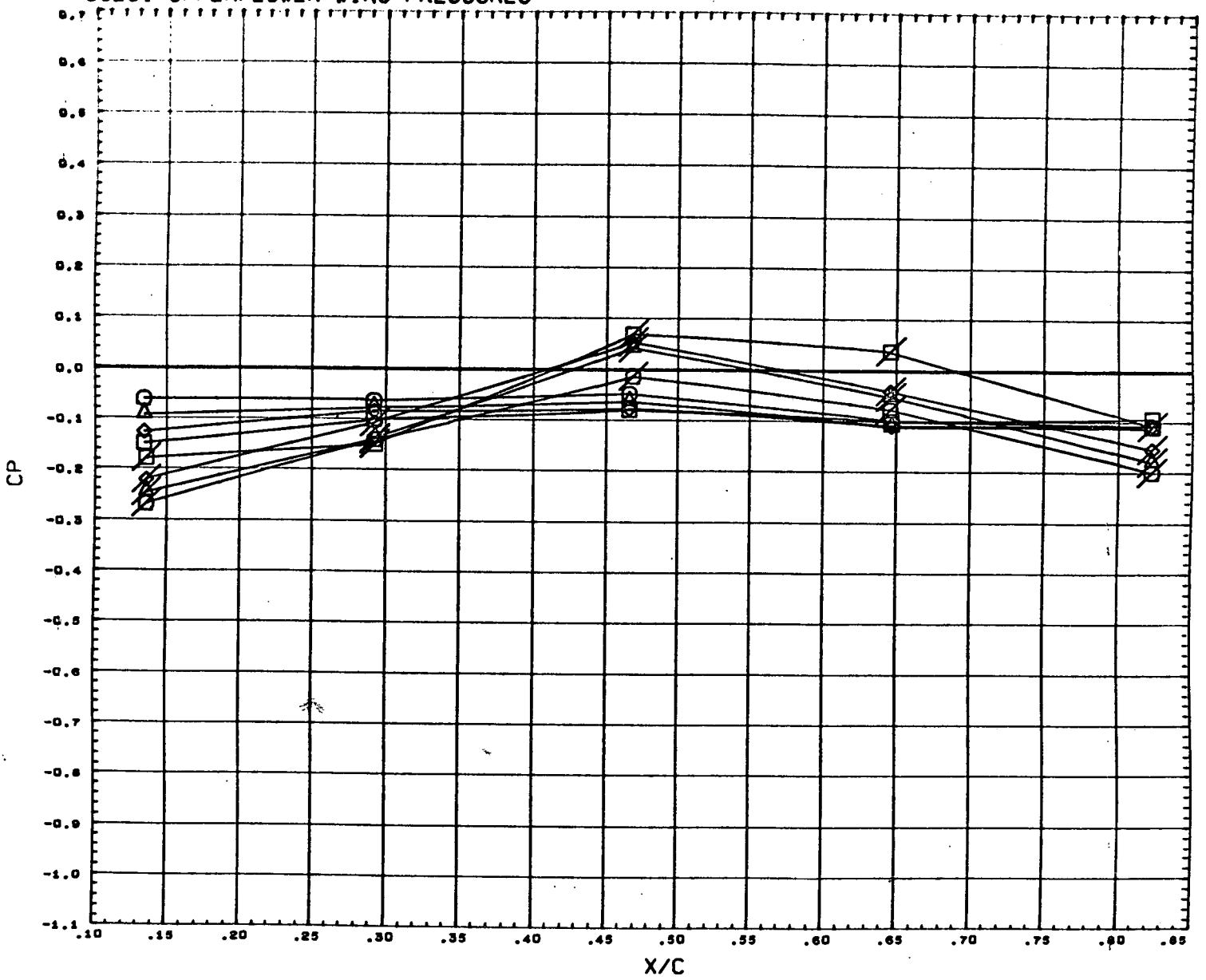
SYMBOL	BETA	Y/S	MACH
○	2.000	0.845	1.467
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



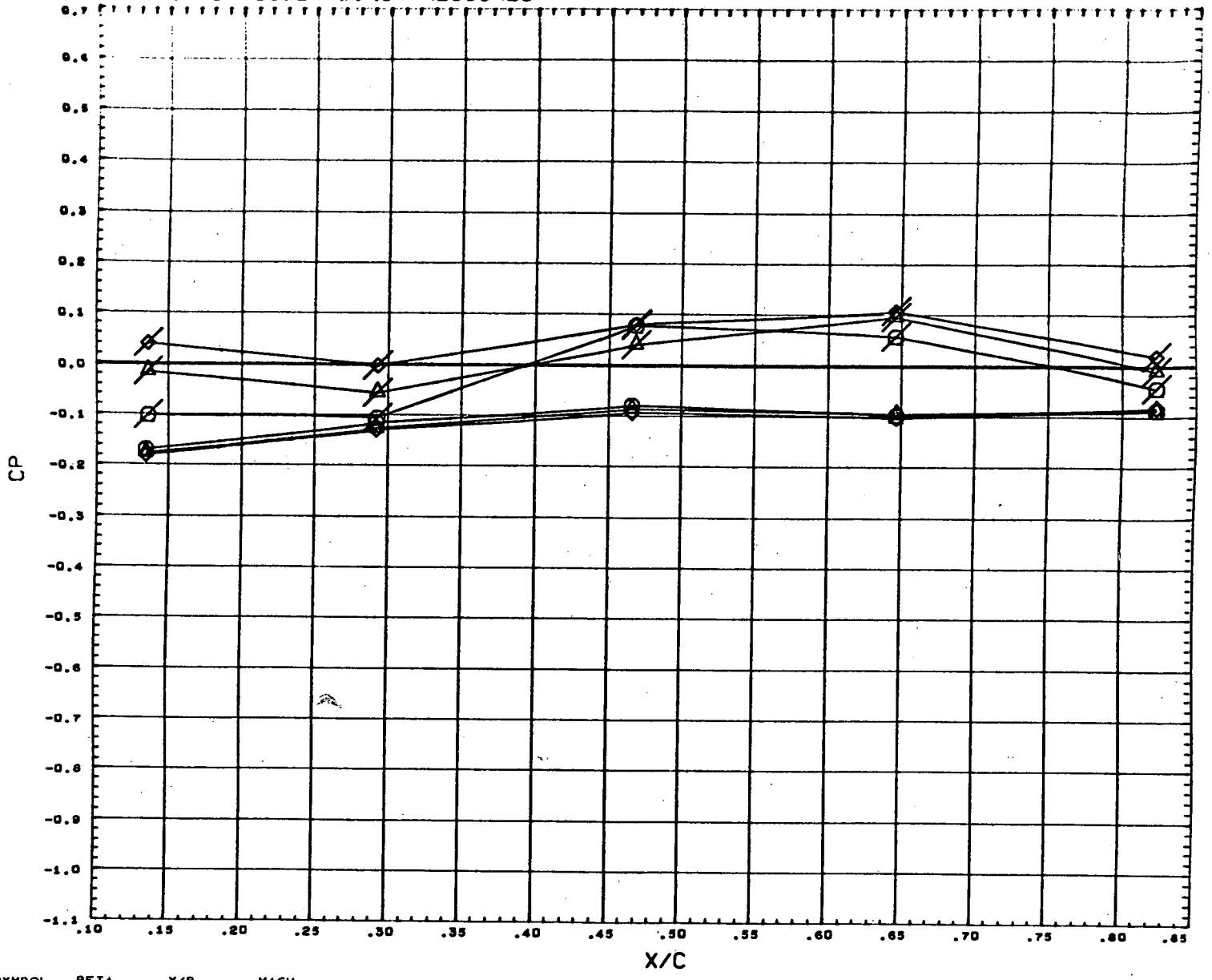
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



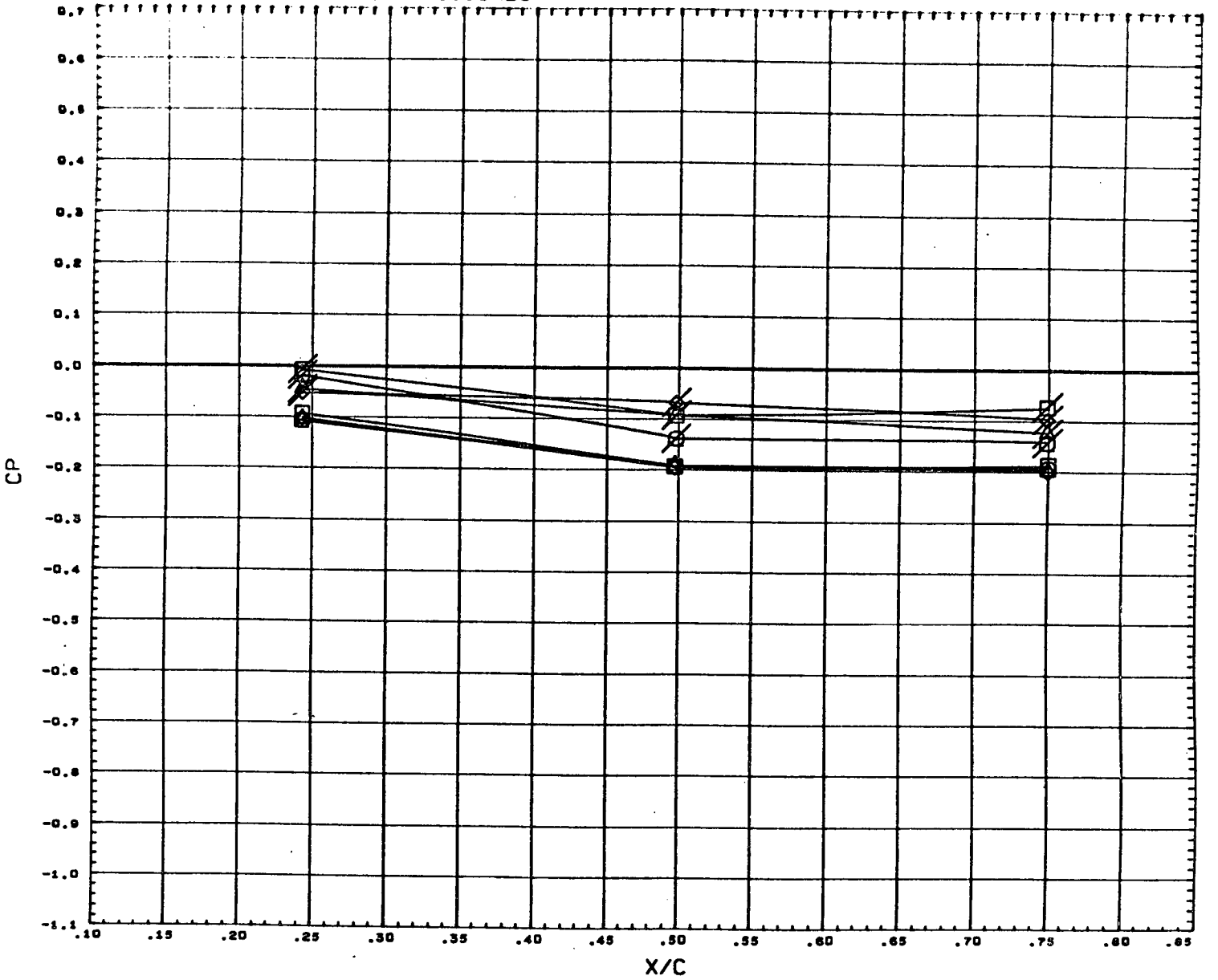
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



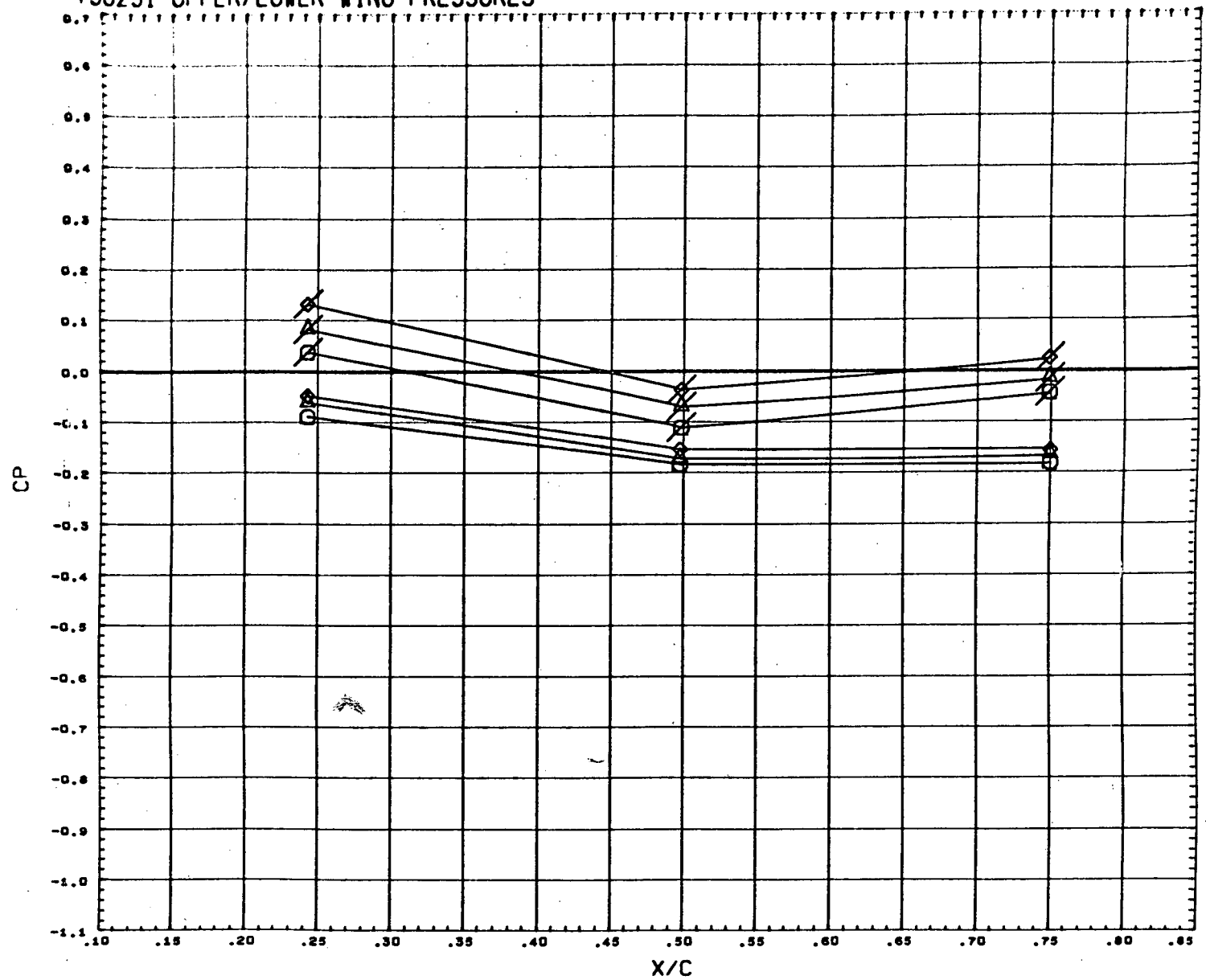
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.957
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



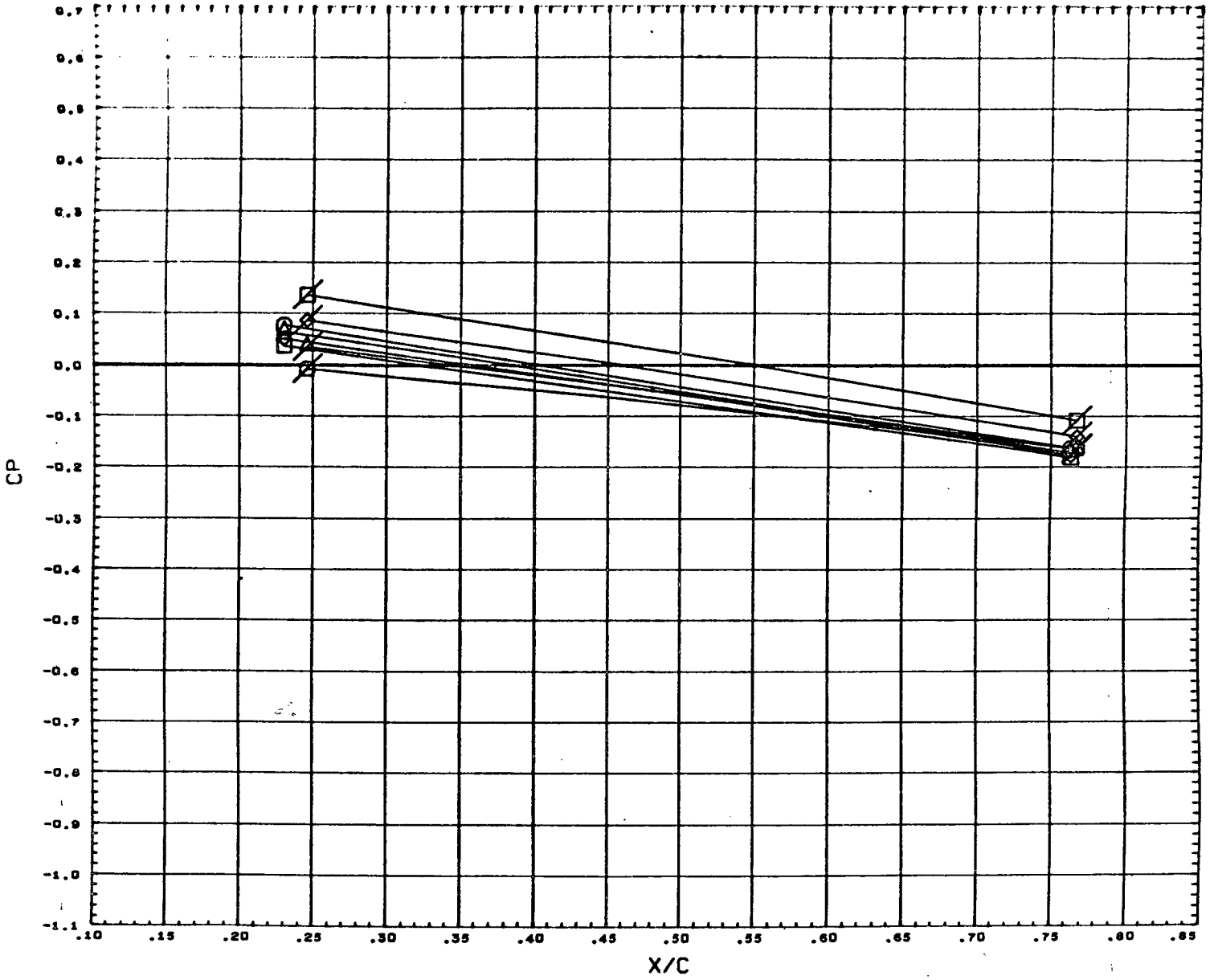
SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



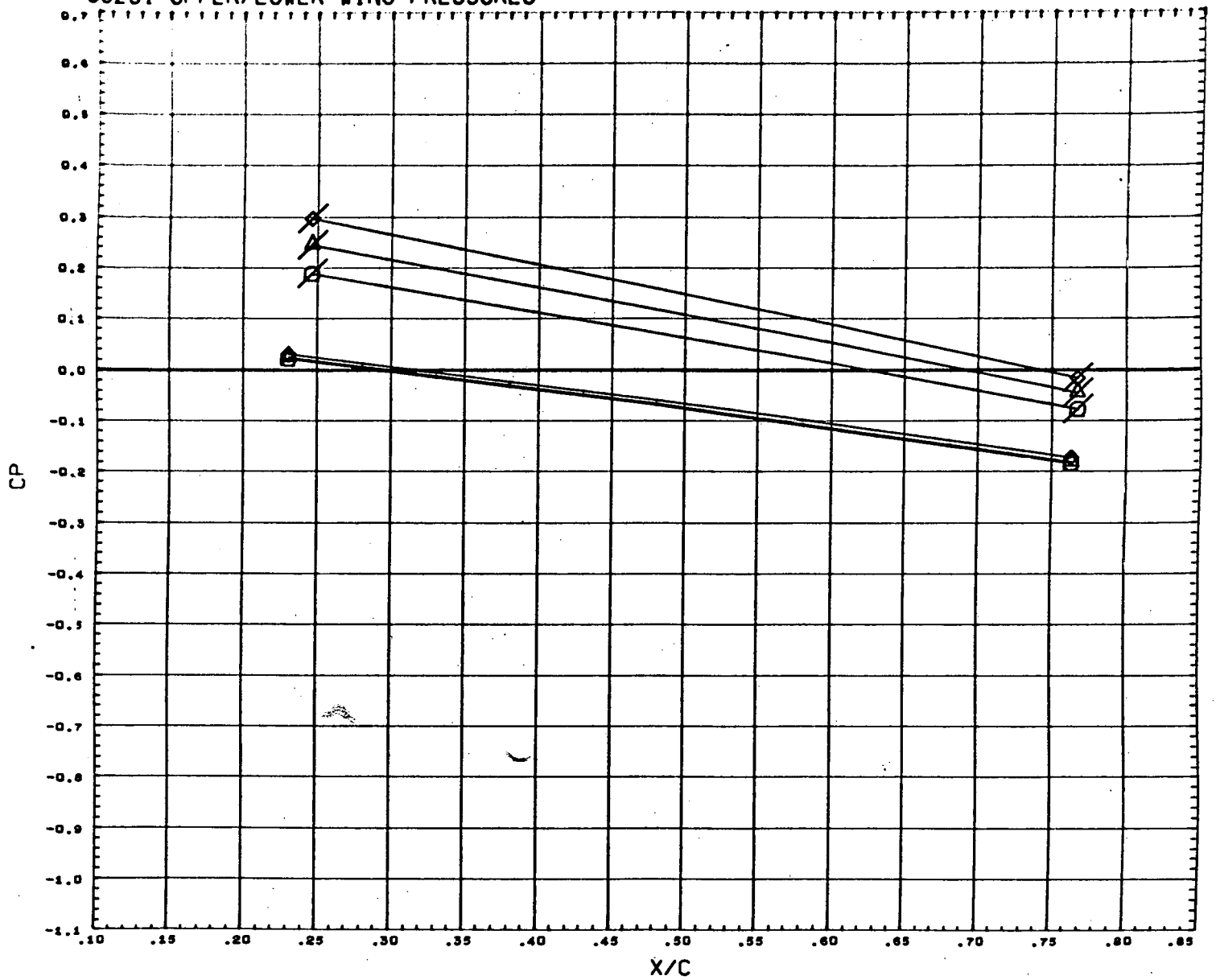
SYMBOL	BETA	Y/B	MACH
○	6.000	0.845	1.957
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



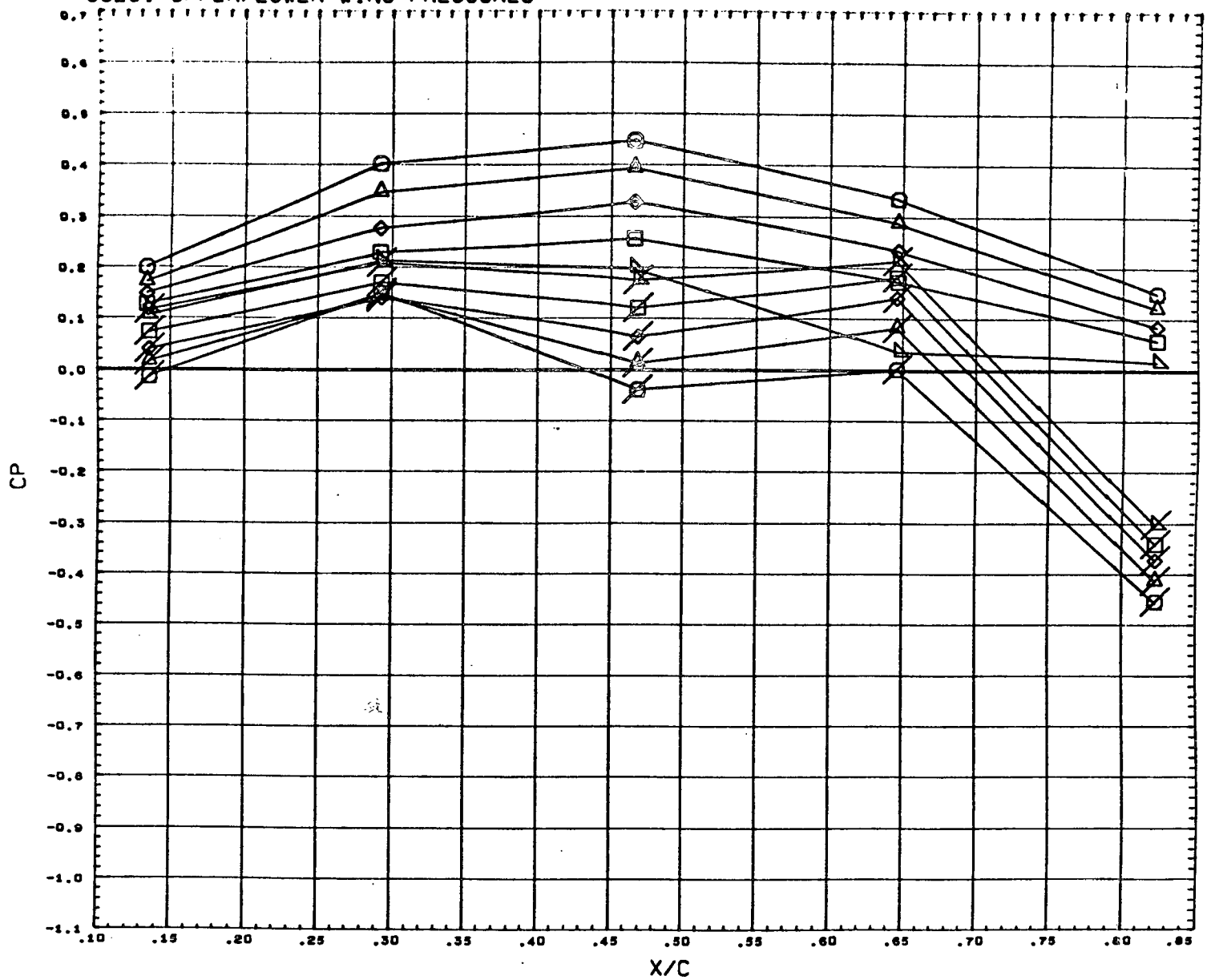
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.957
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	0.000
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73030)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73030)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.290	1.193
△	6.000		
◇	4.000		
□	2.000		
◺	0.000		

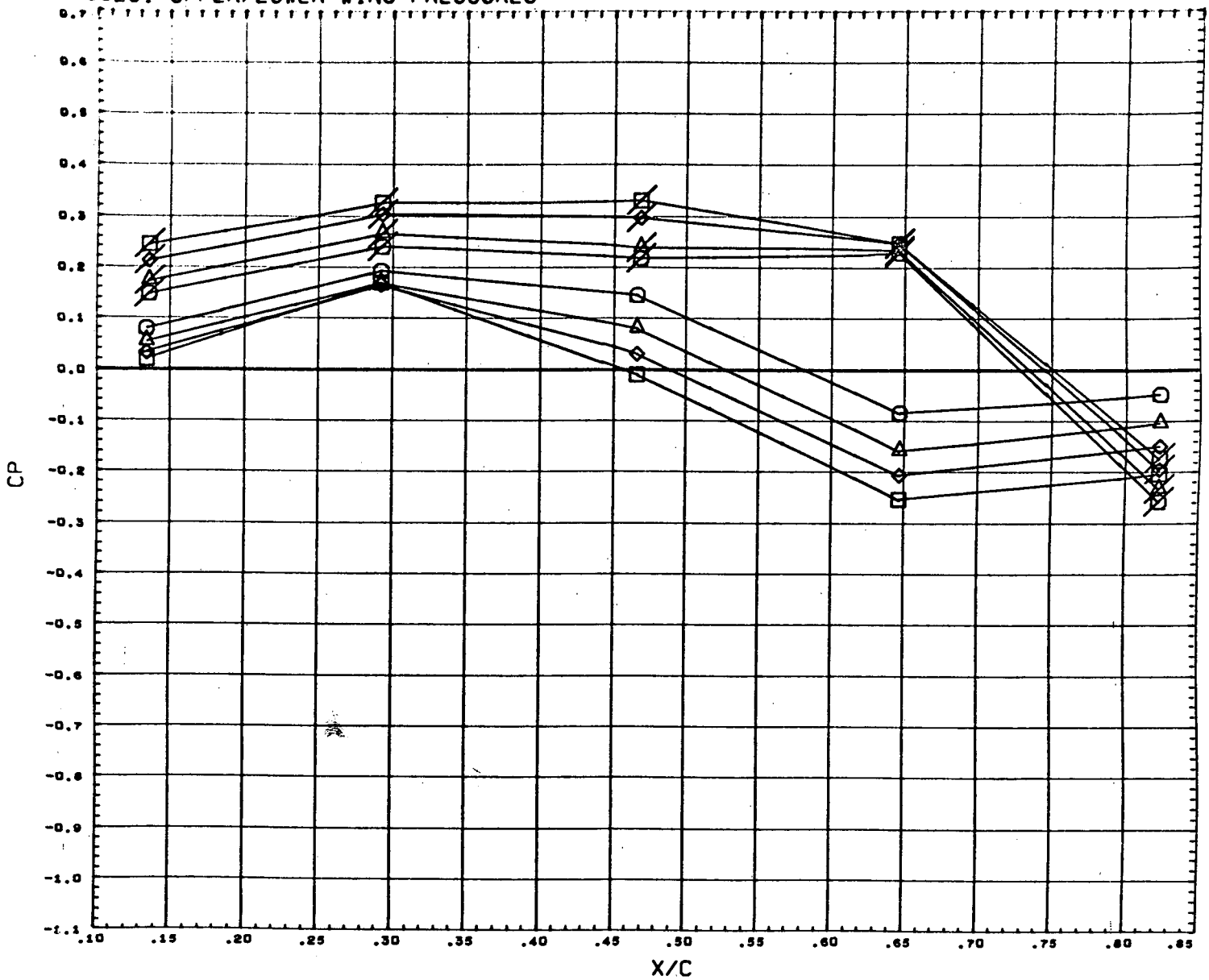
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.193
△	4.000		
◇	6.000		
□	8.000		

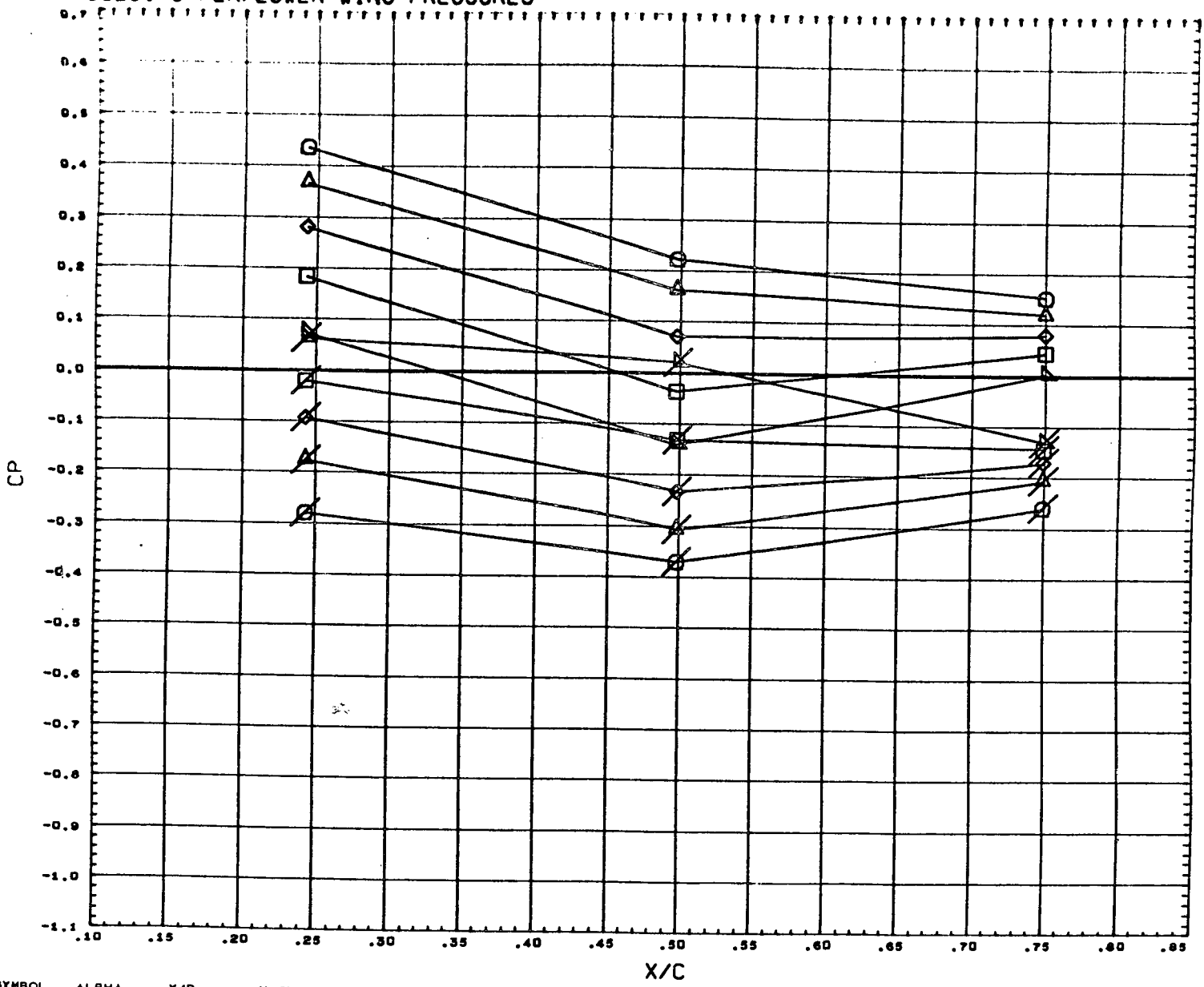
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.193
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

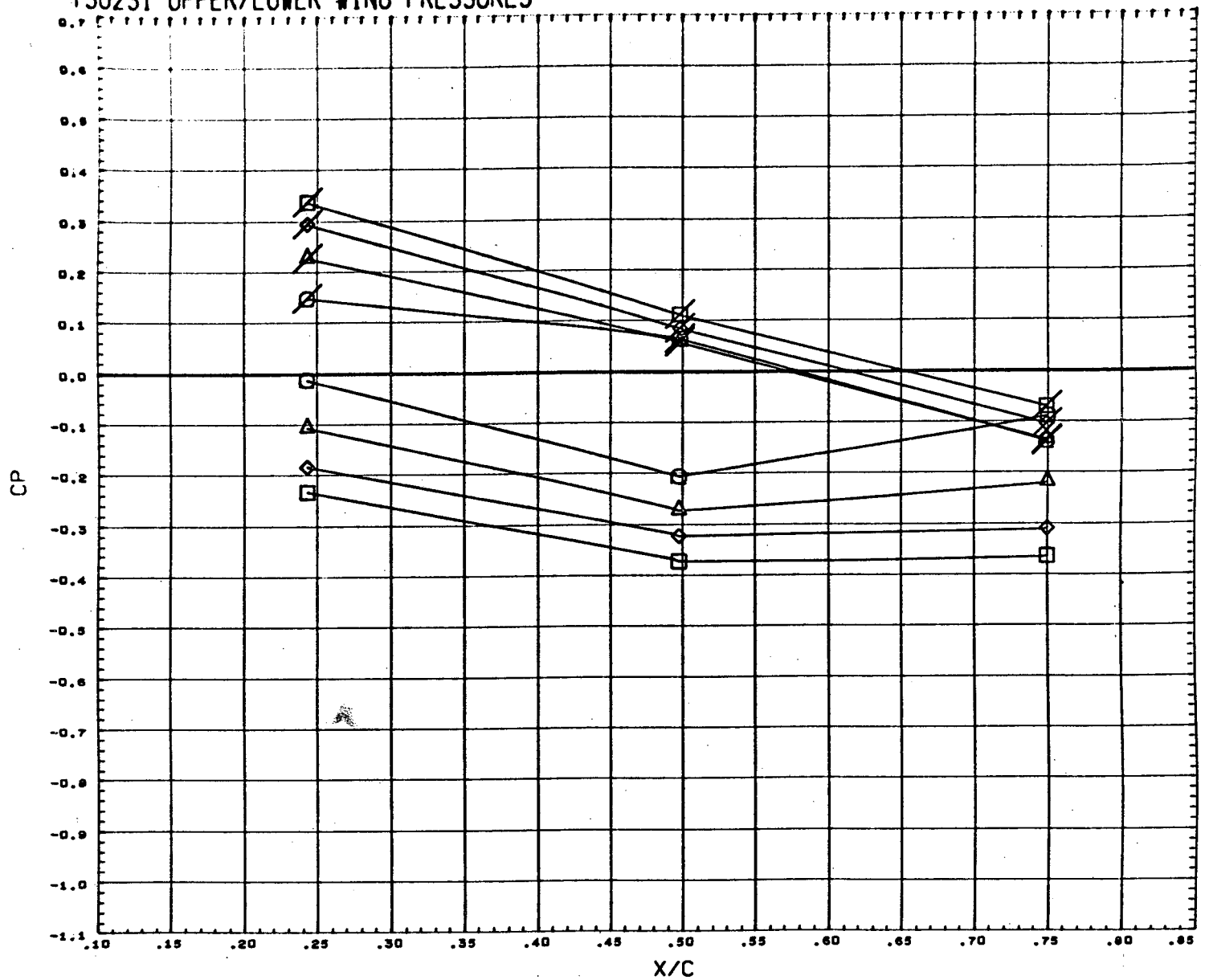
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.193
△	4.000		
◇	6.000		
□	8.000		

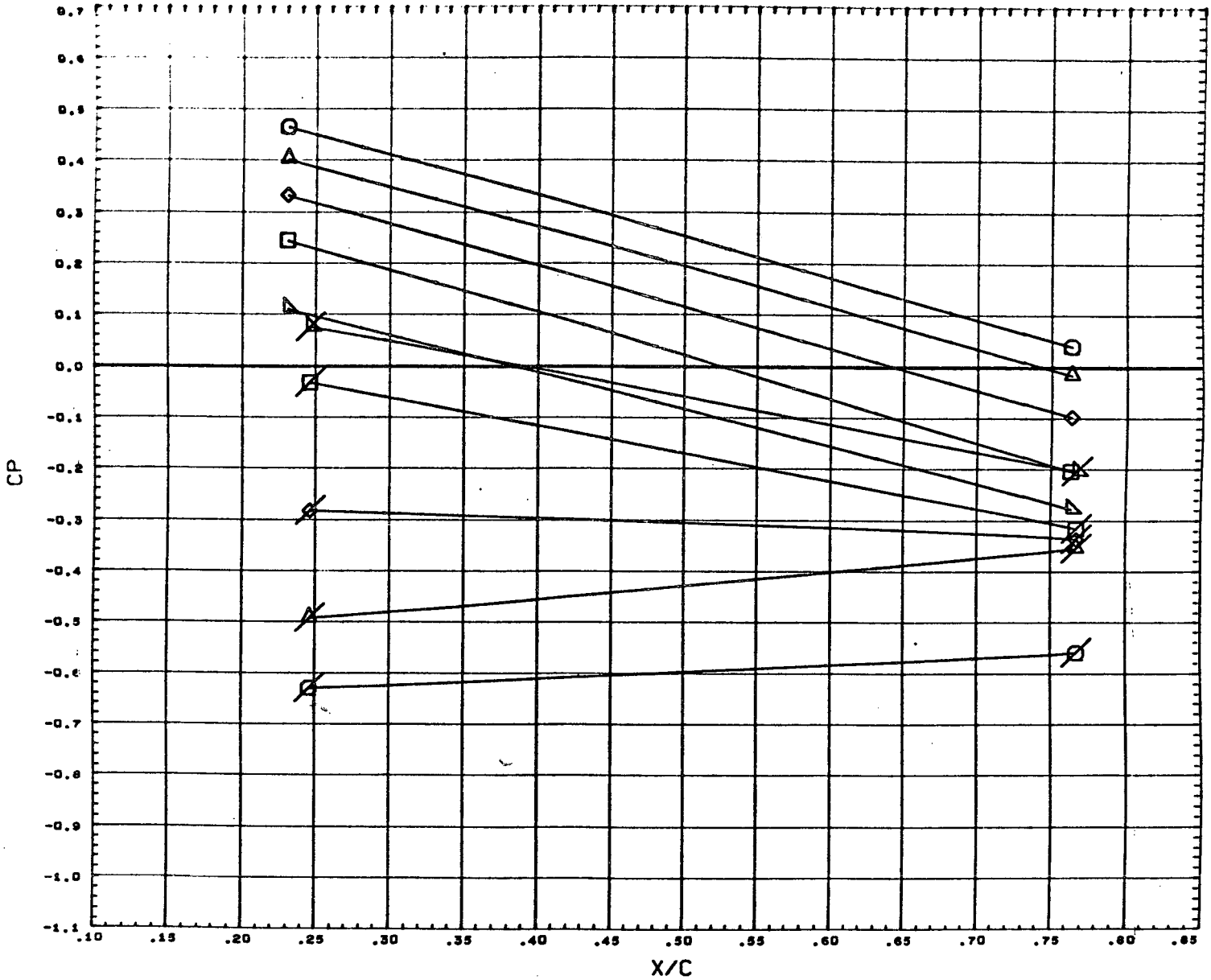
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.193
△	- 6.000		
◇	- 4.000		
□	- 2.000		
	0.000		

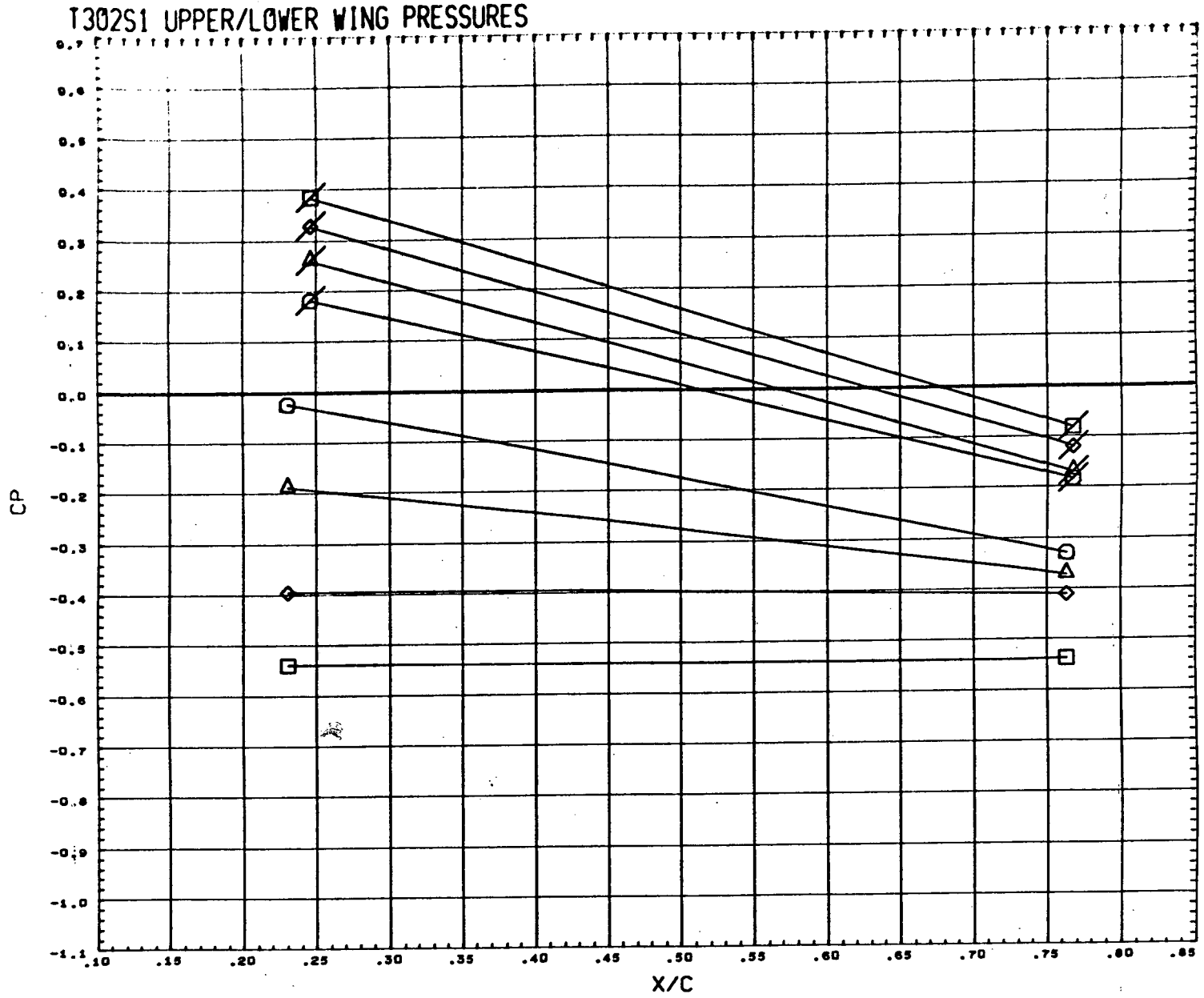
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.193
△	4.000		
◇	6.000		
□	8.000		

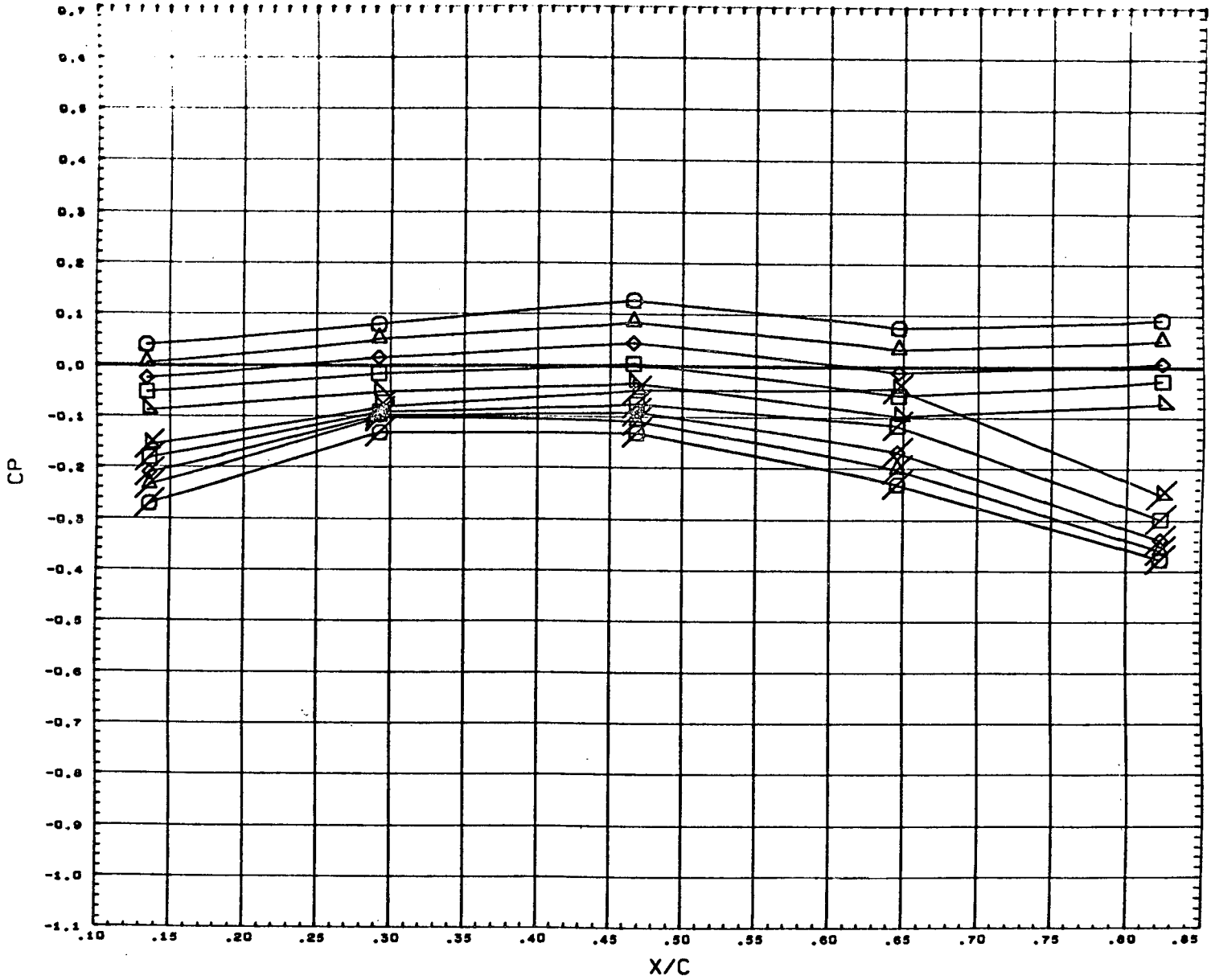
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.456
△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

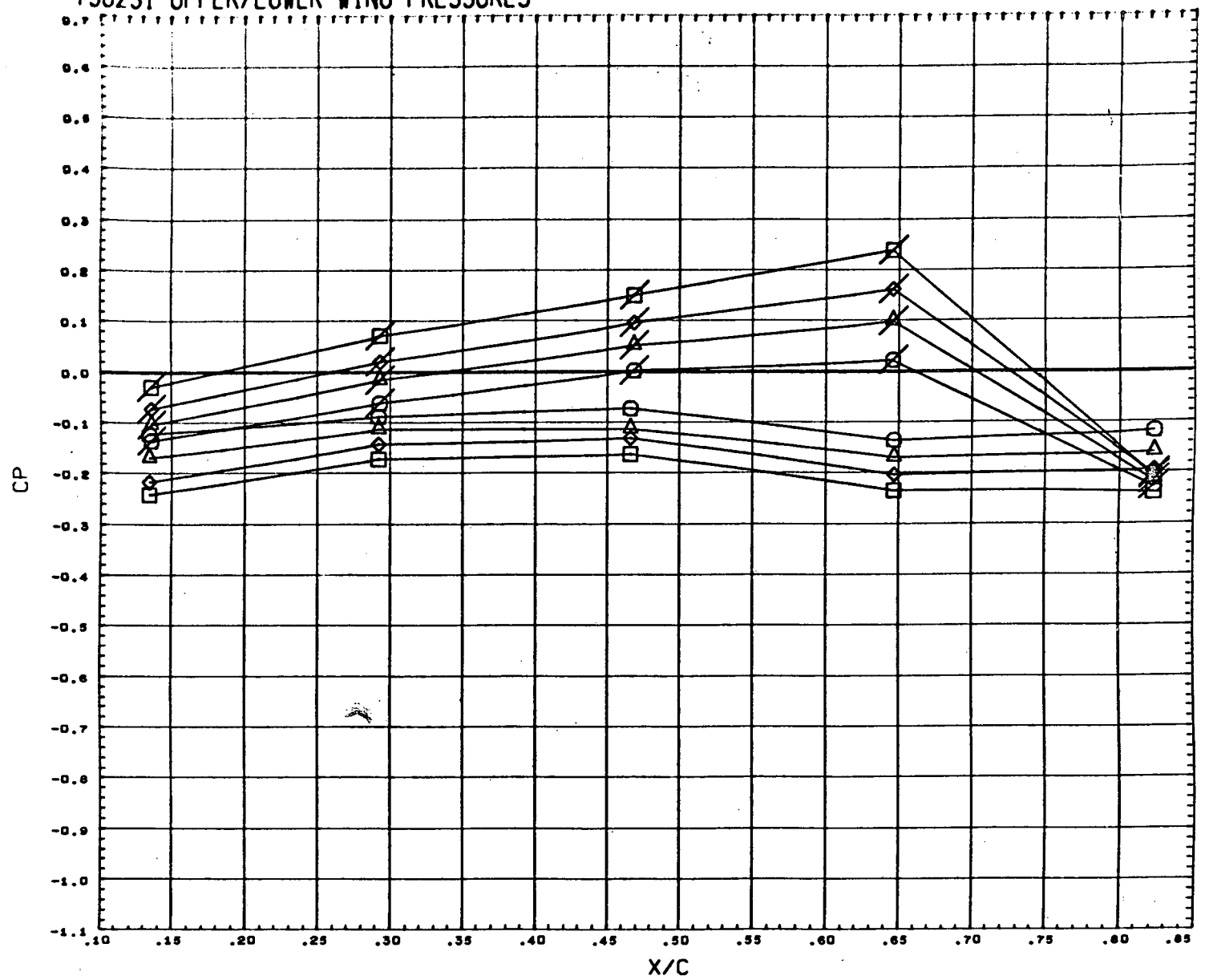
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.456
△	4.000		
◇	6.000		
□	8.000		

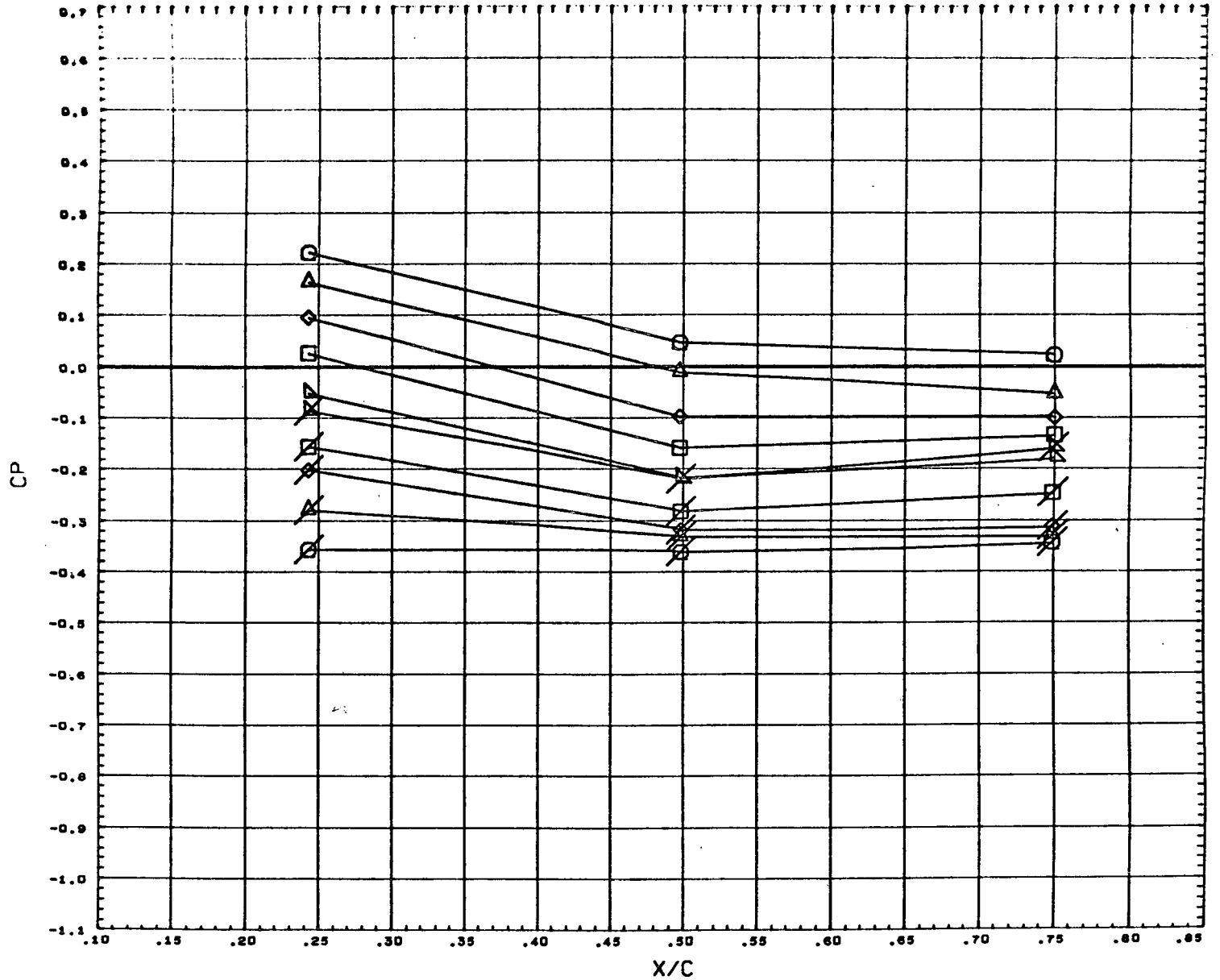
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.456
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

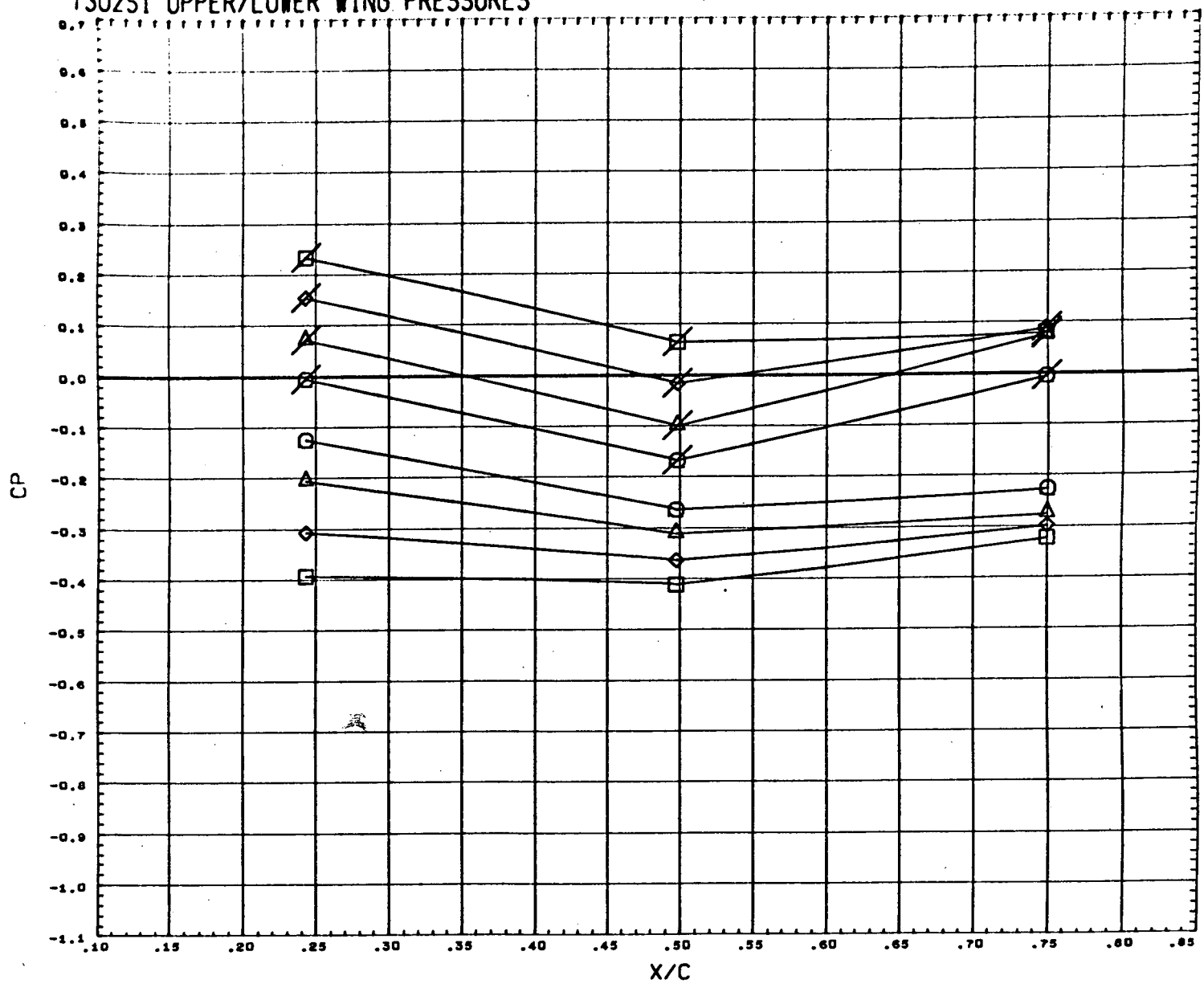
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.456
△	4.000		
◇	6.000		
□	8.000		

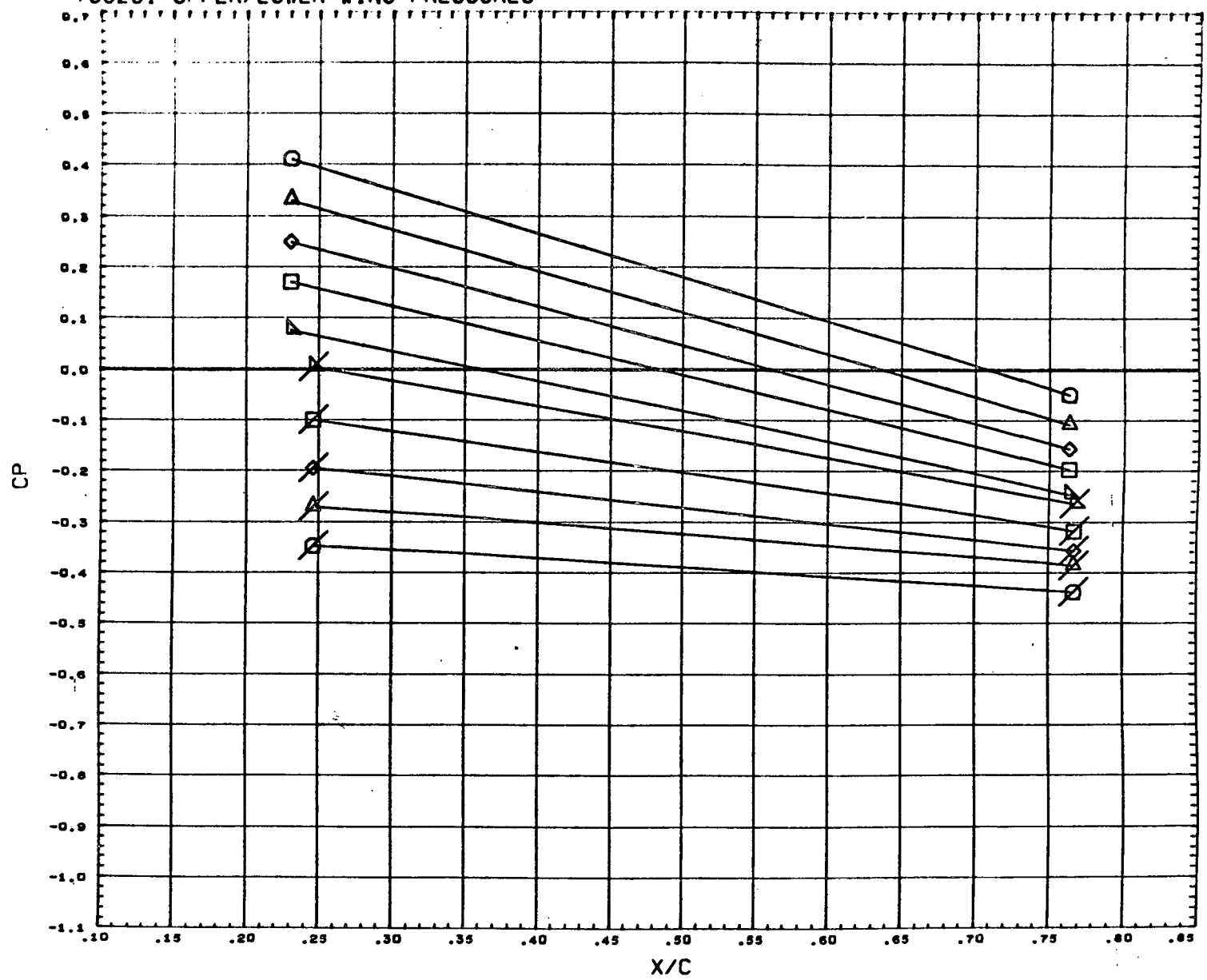
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.456
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↙	0.000		

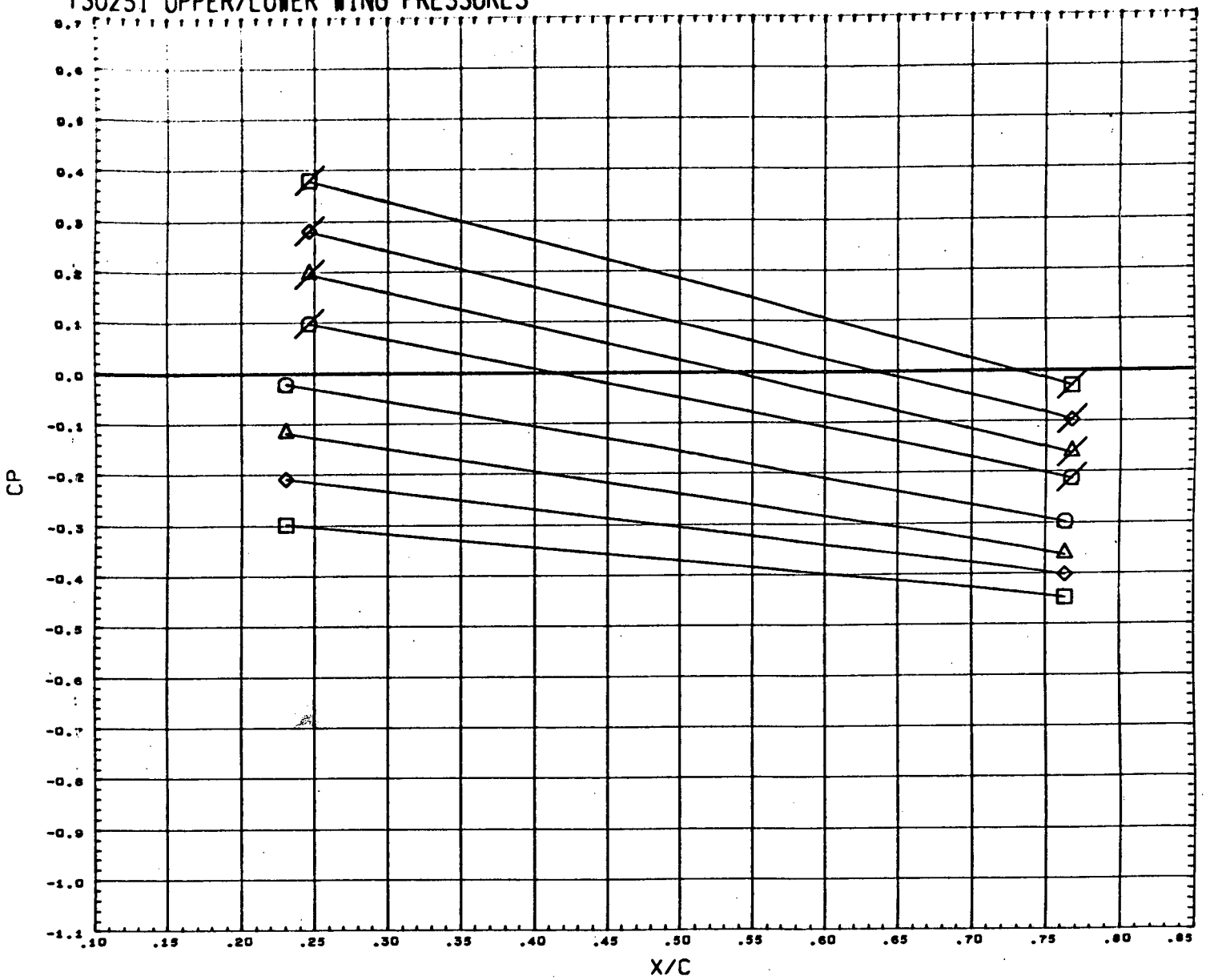
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.456
△	4.000		
◇	6.000		
□	8.000		

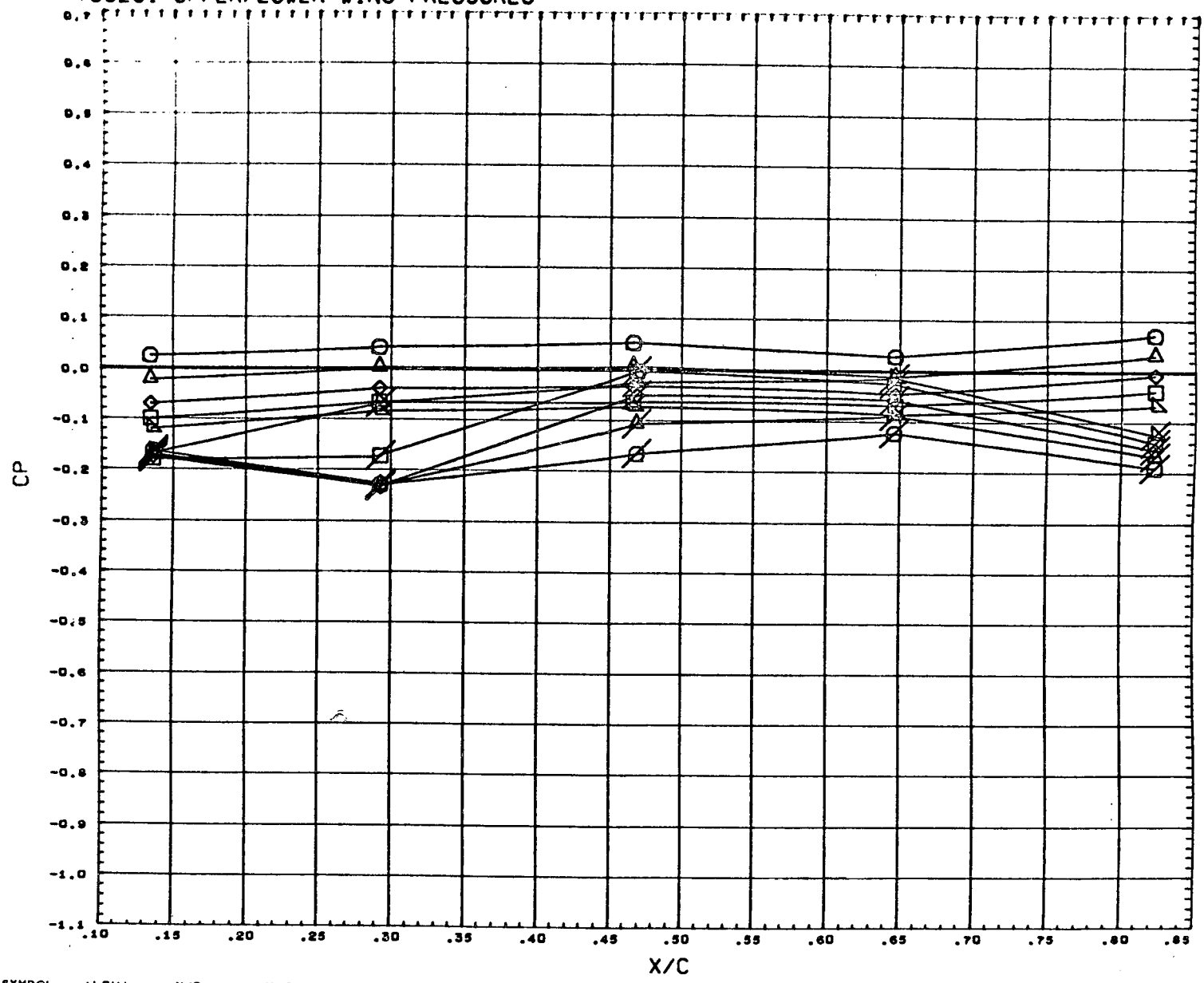
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
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△	- 6.000		
◇	- 4.000		
□	- 2.000		
◸	0.000		

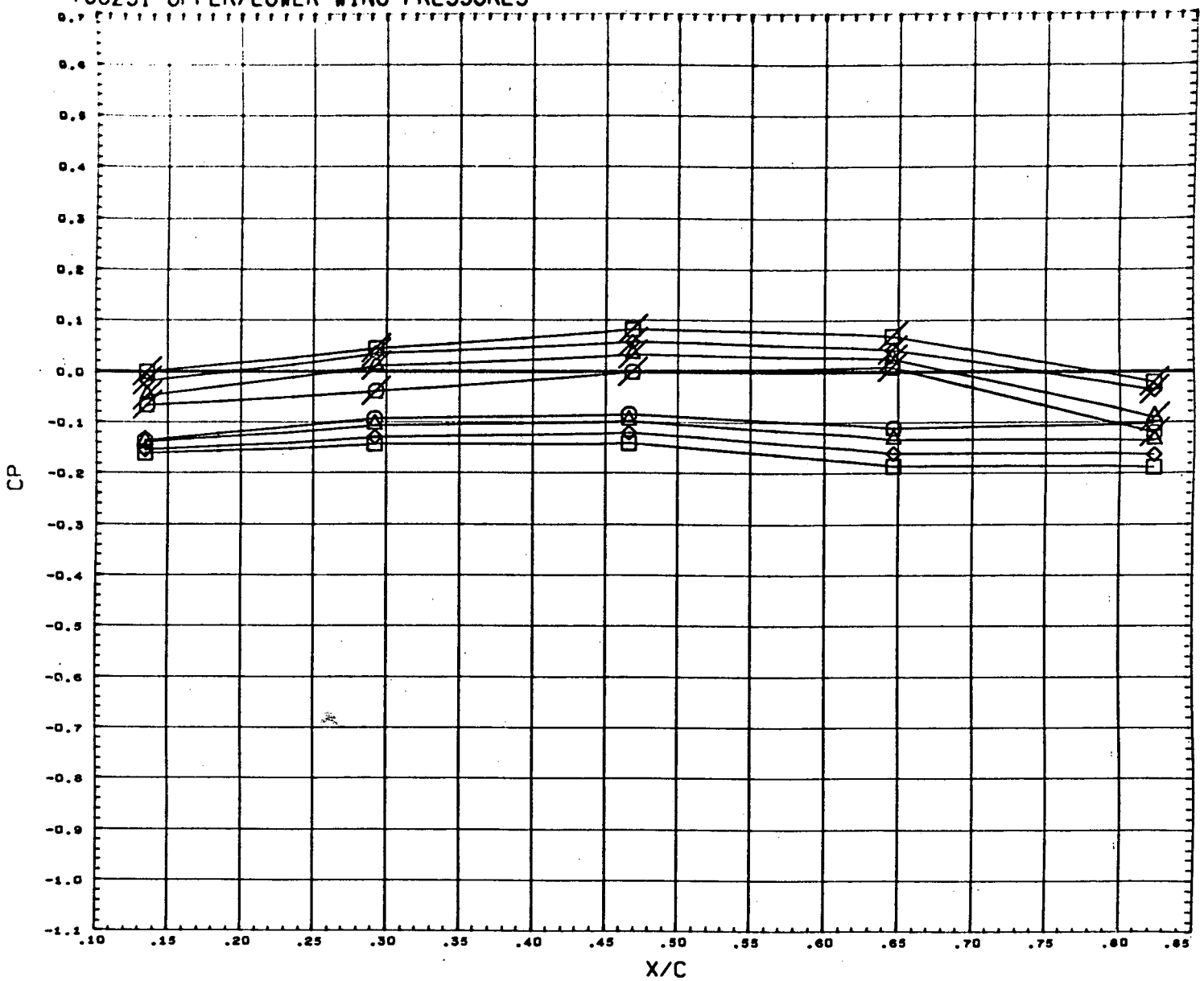
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.962
△	4.000		
◇	6.000		
□	8.000		

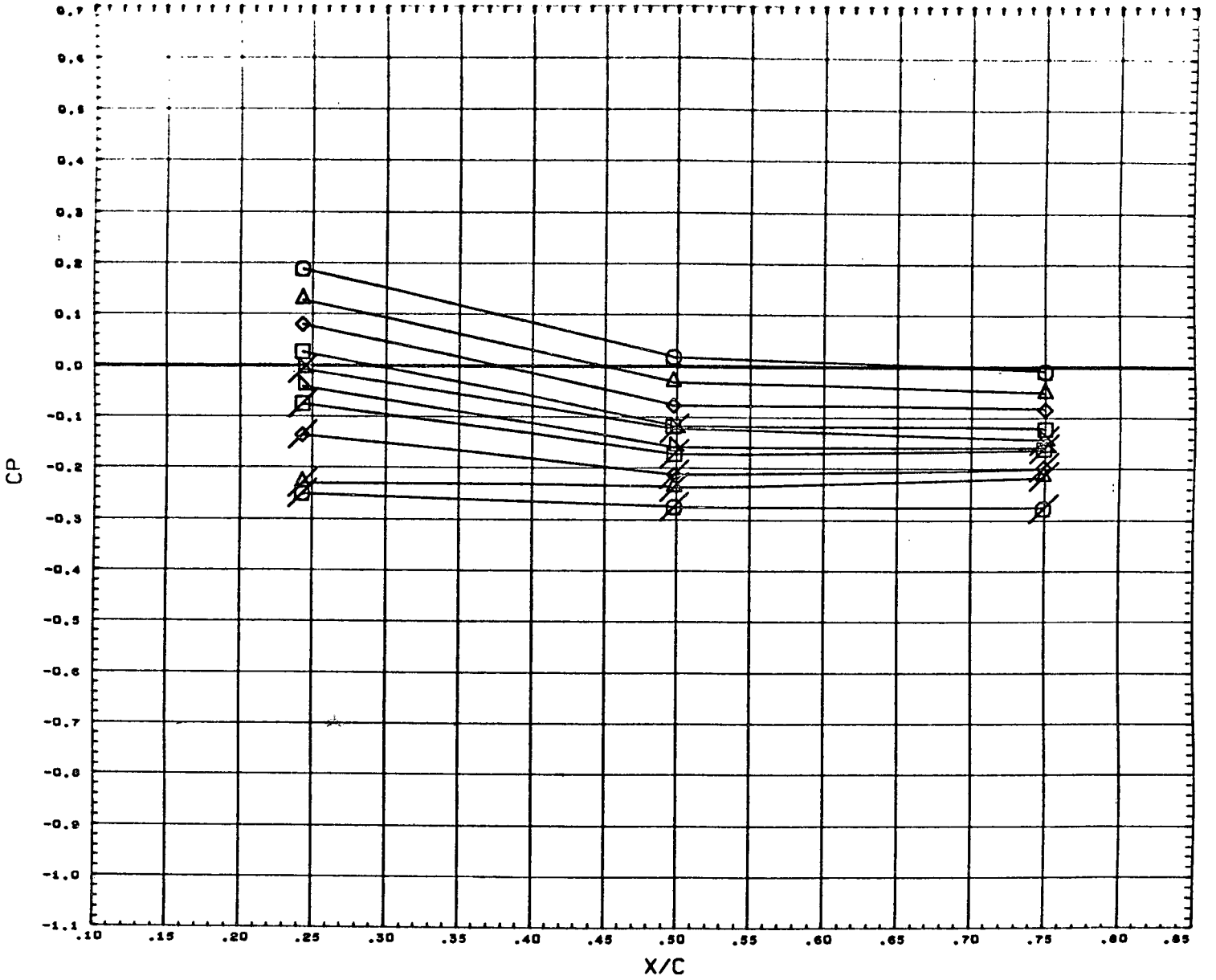
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.962
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

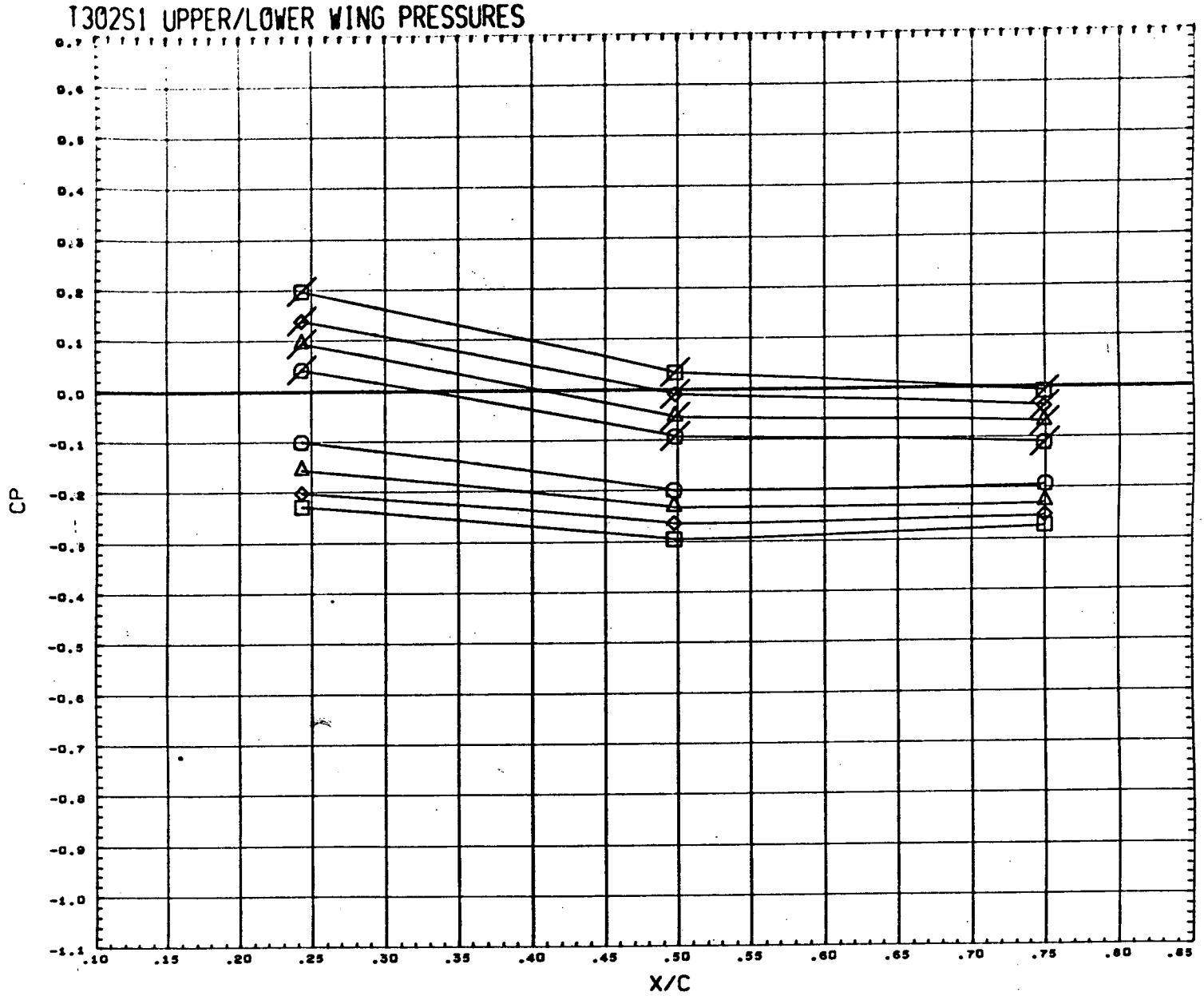
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.962
△	4.000		
◇	6.000		
□	8.000		

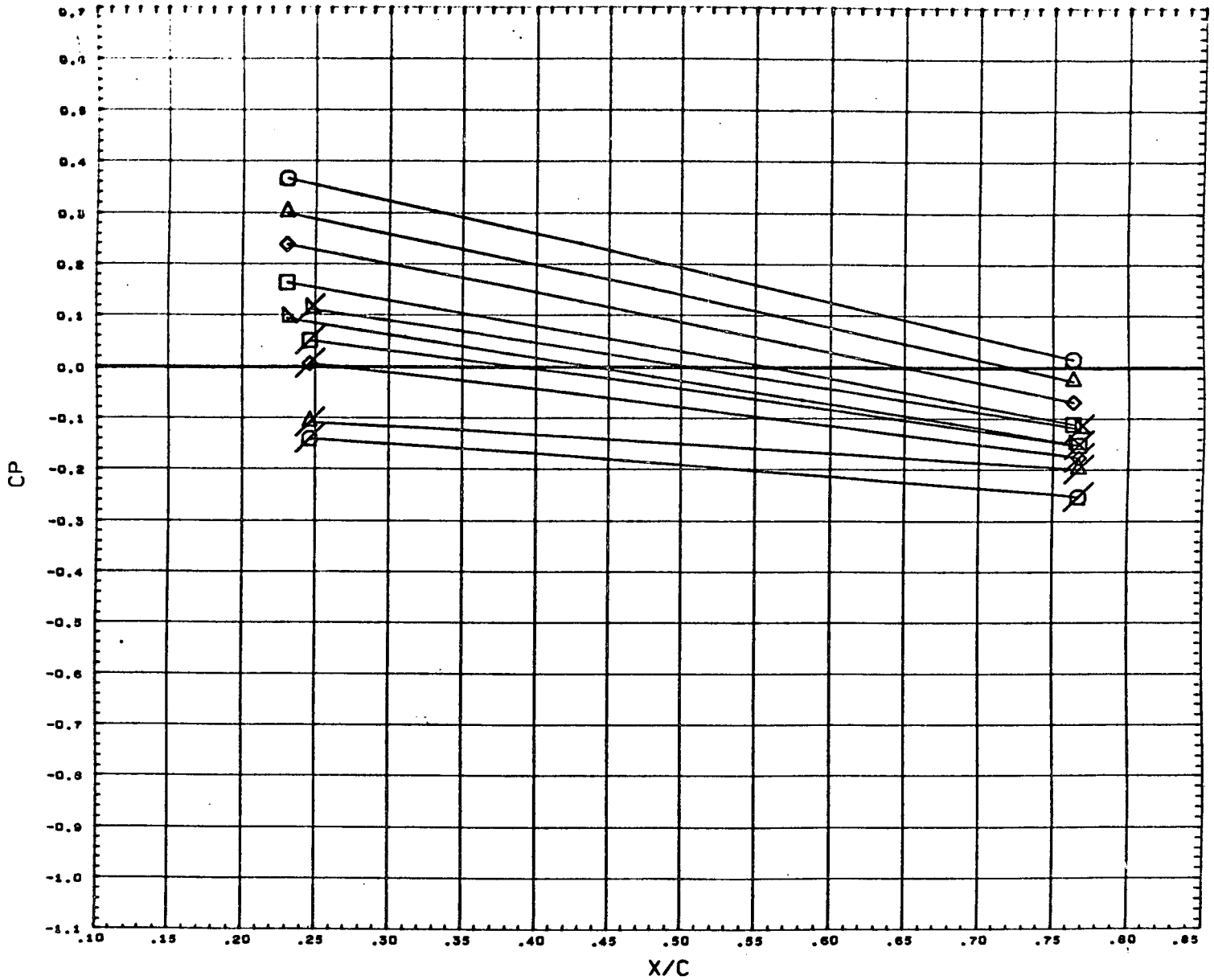
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.845	1.962
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↗	0.000		

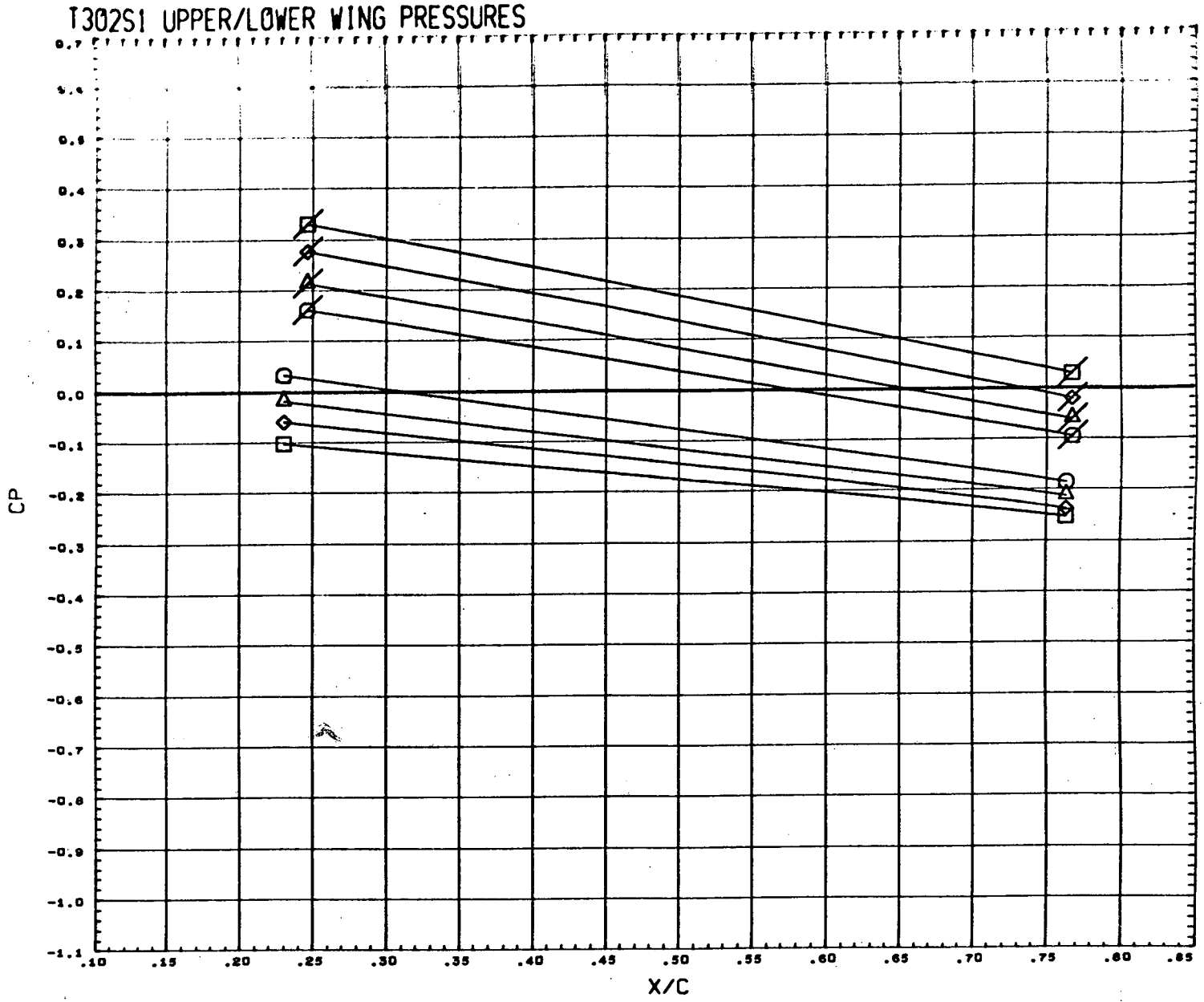
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.962
△	4.000		
◇	6.000		
□	8.000		

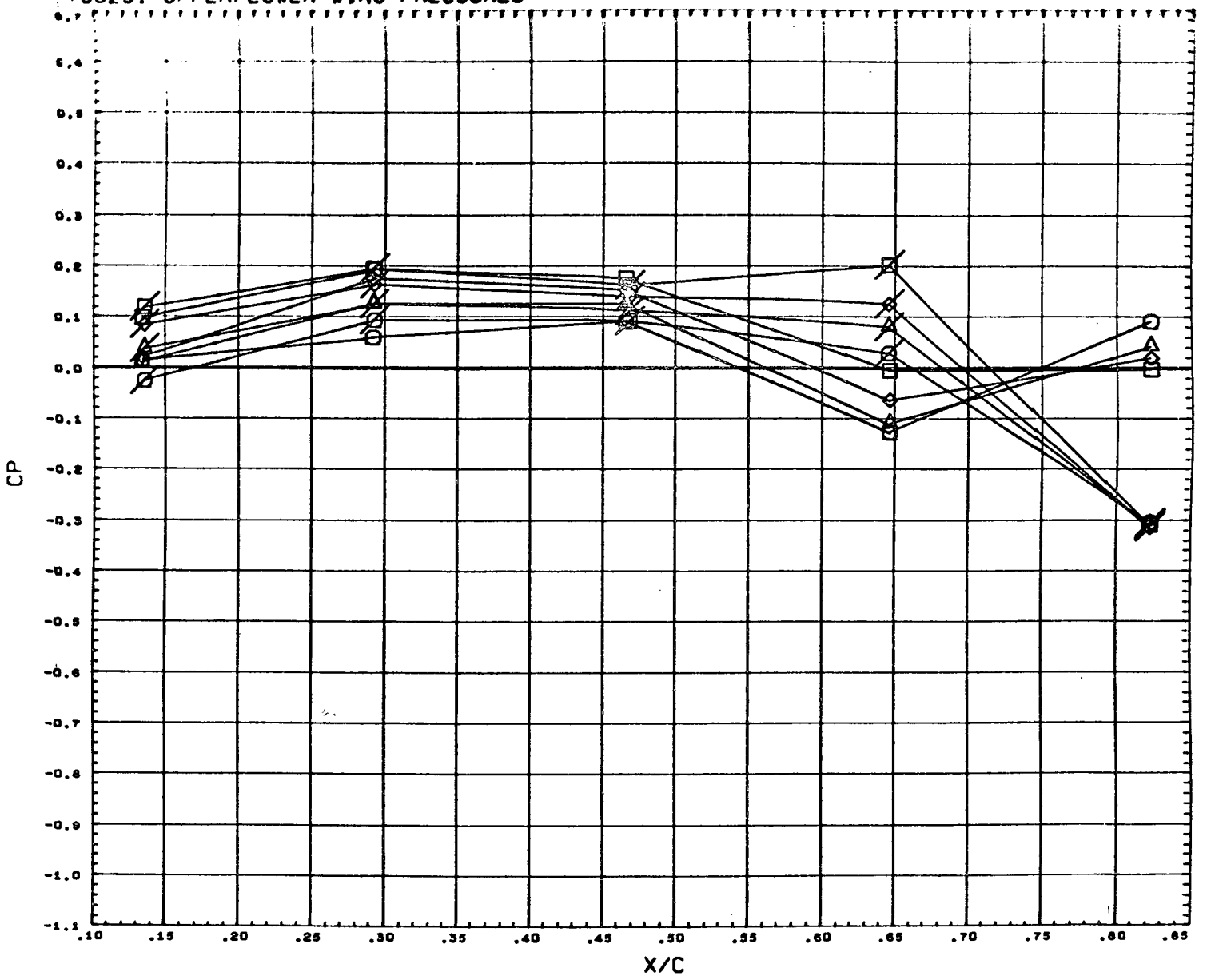
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73031)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73031)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

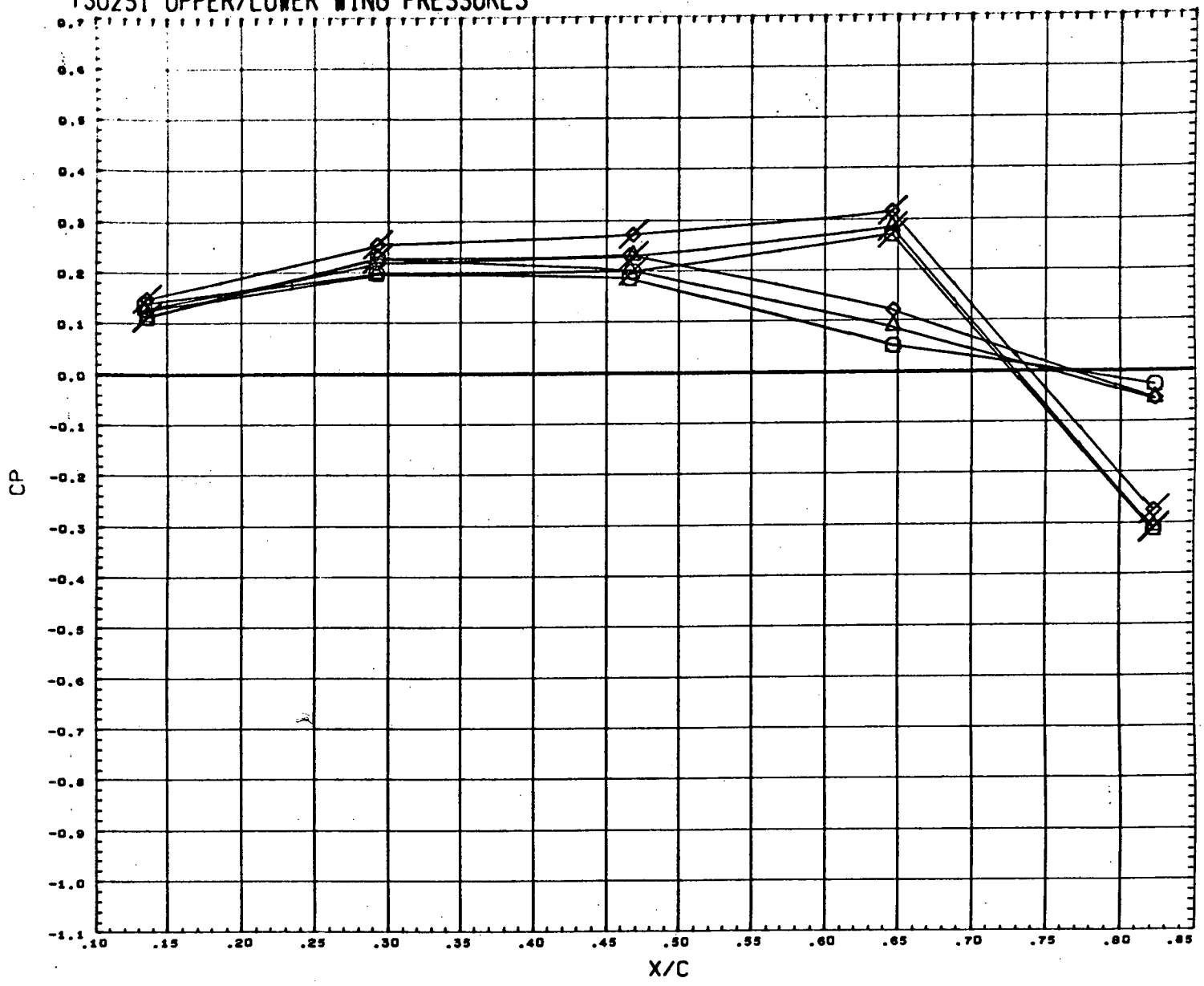
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.194
△	4.000		
◇	6.000		

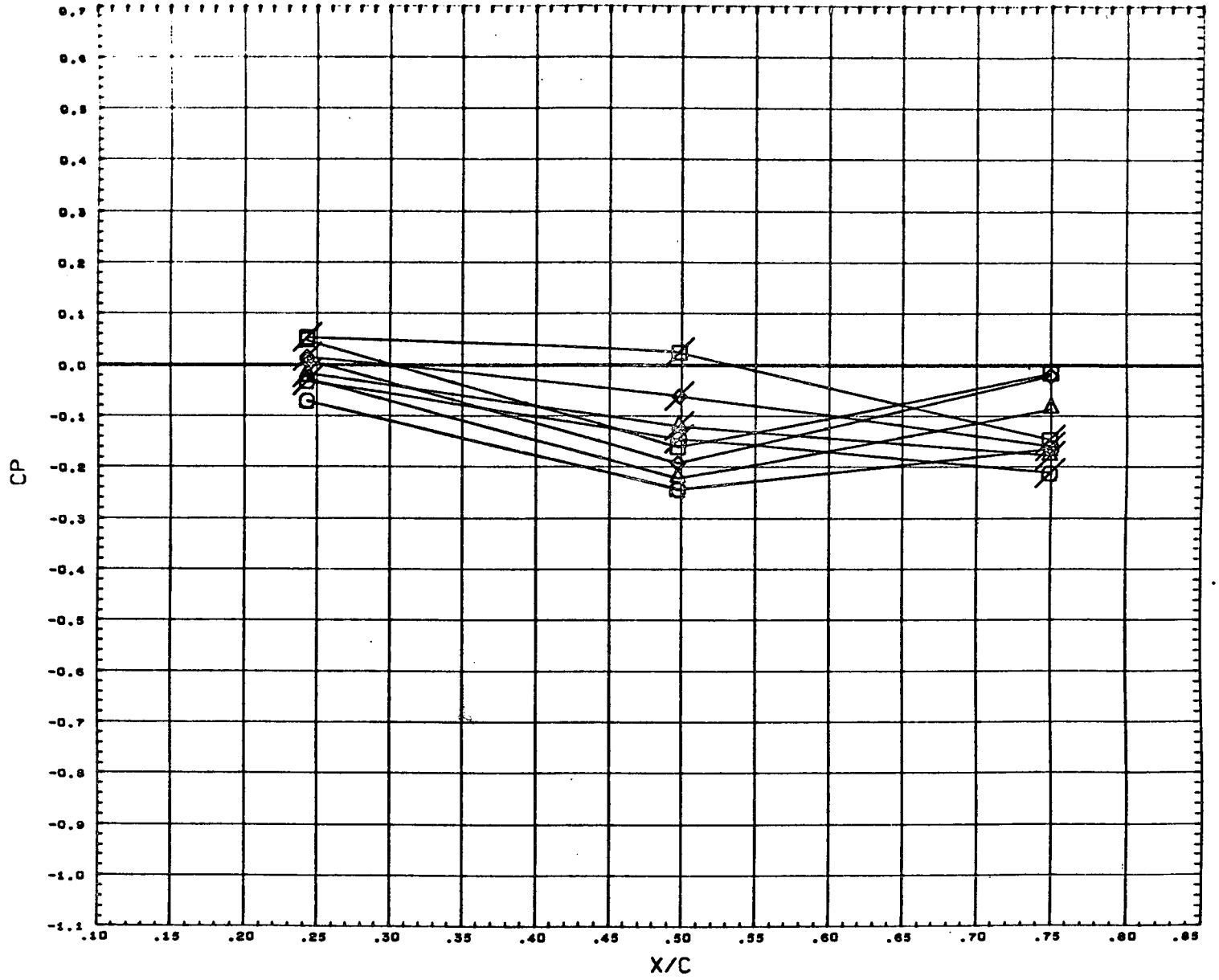
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

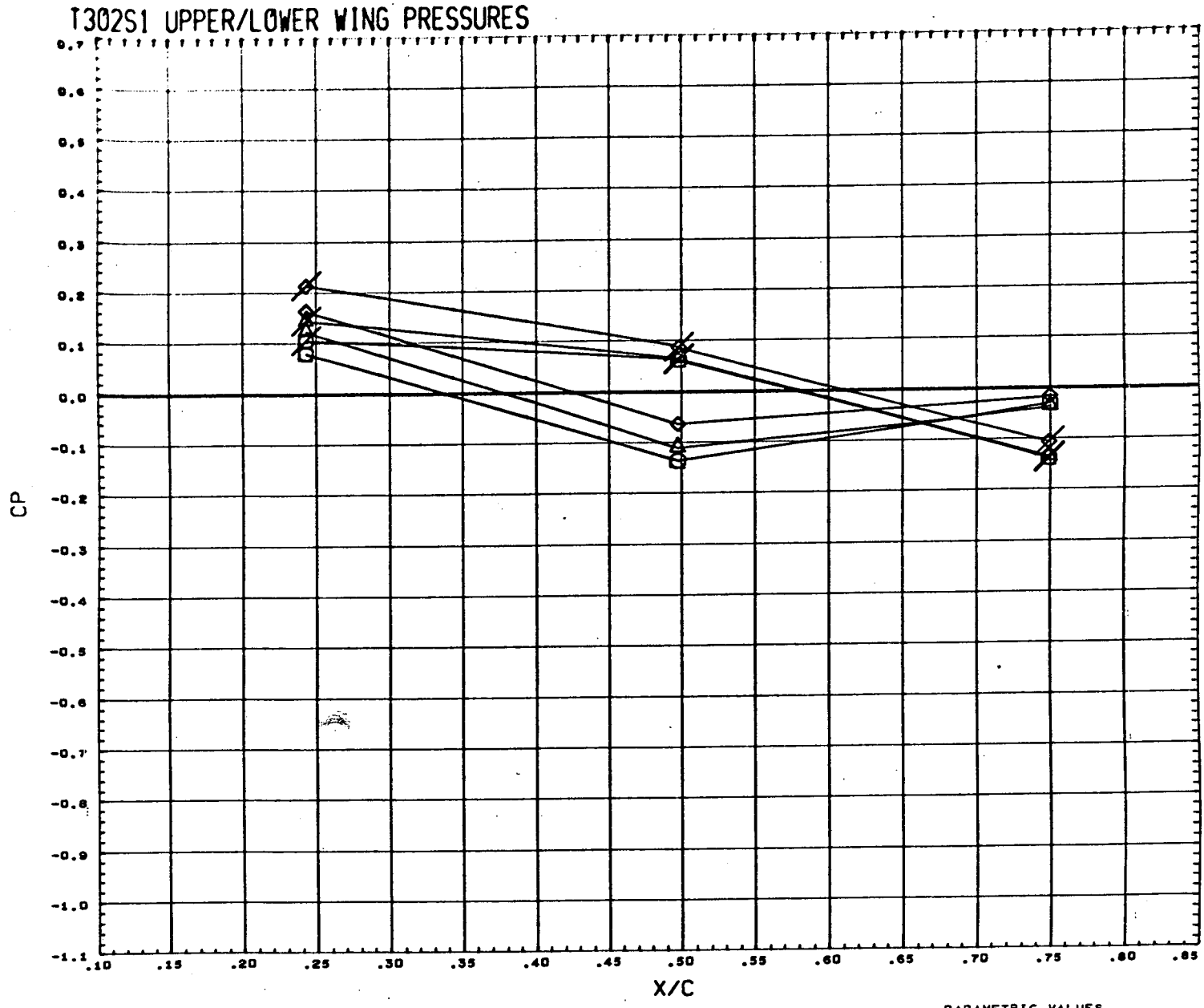
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.194
△	4.000		
◇	6.000		

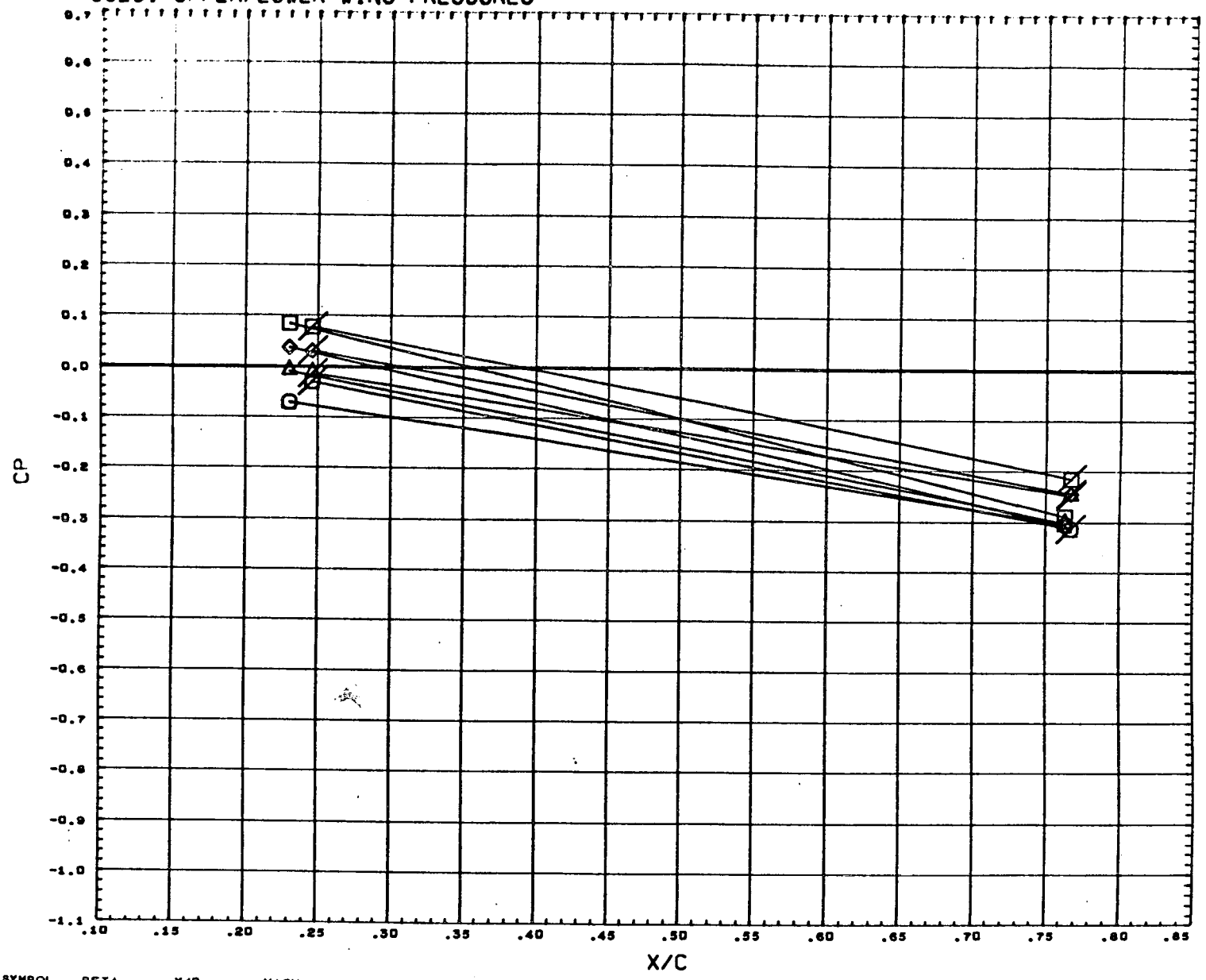
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



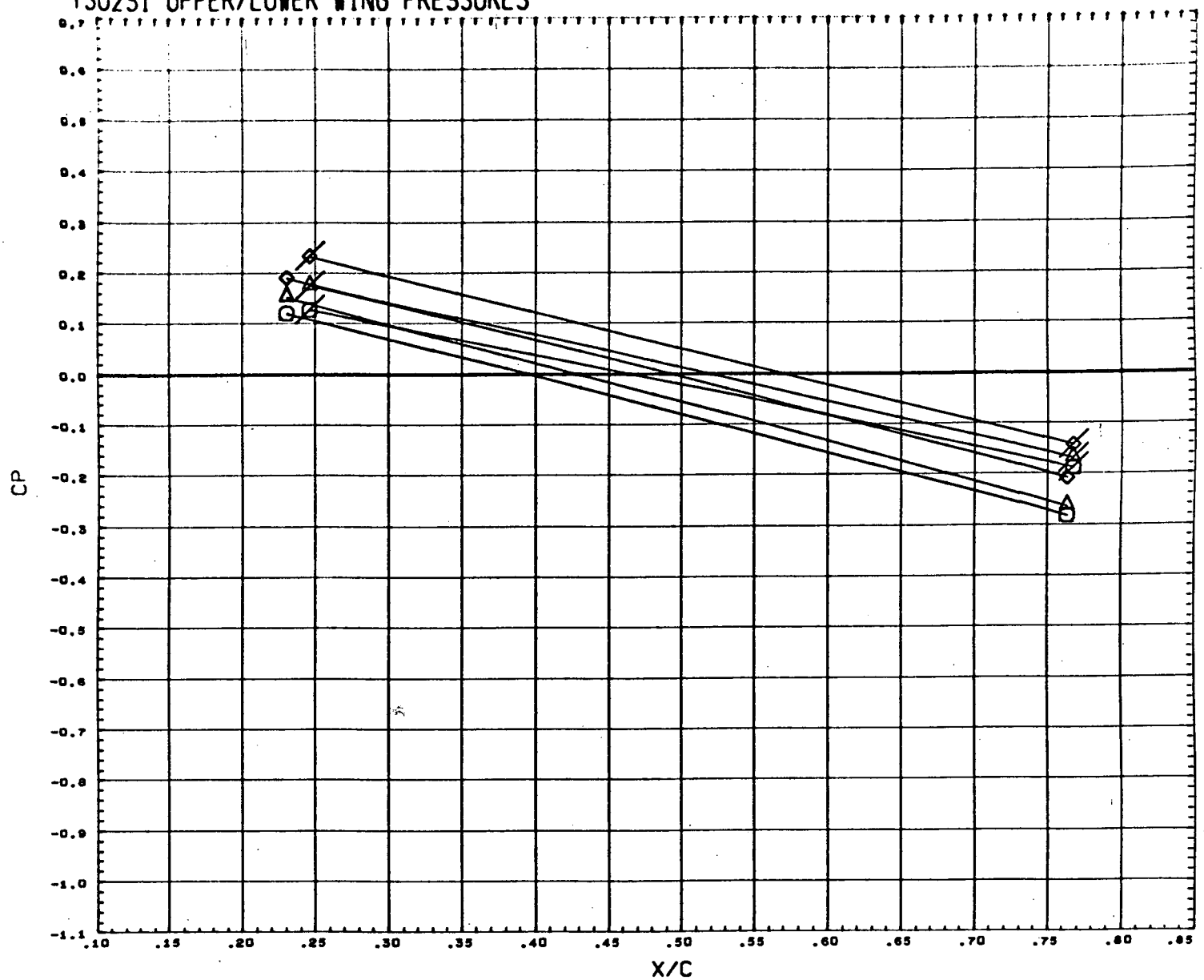
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.194
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



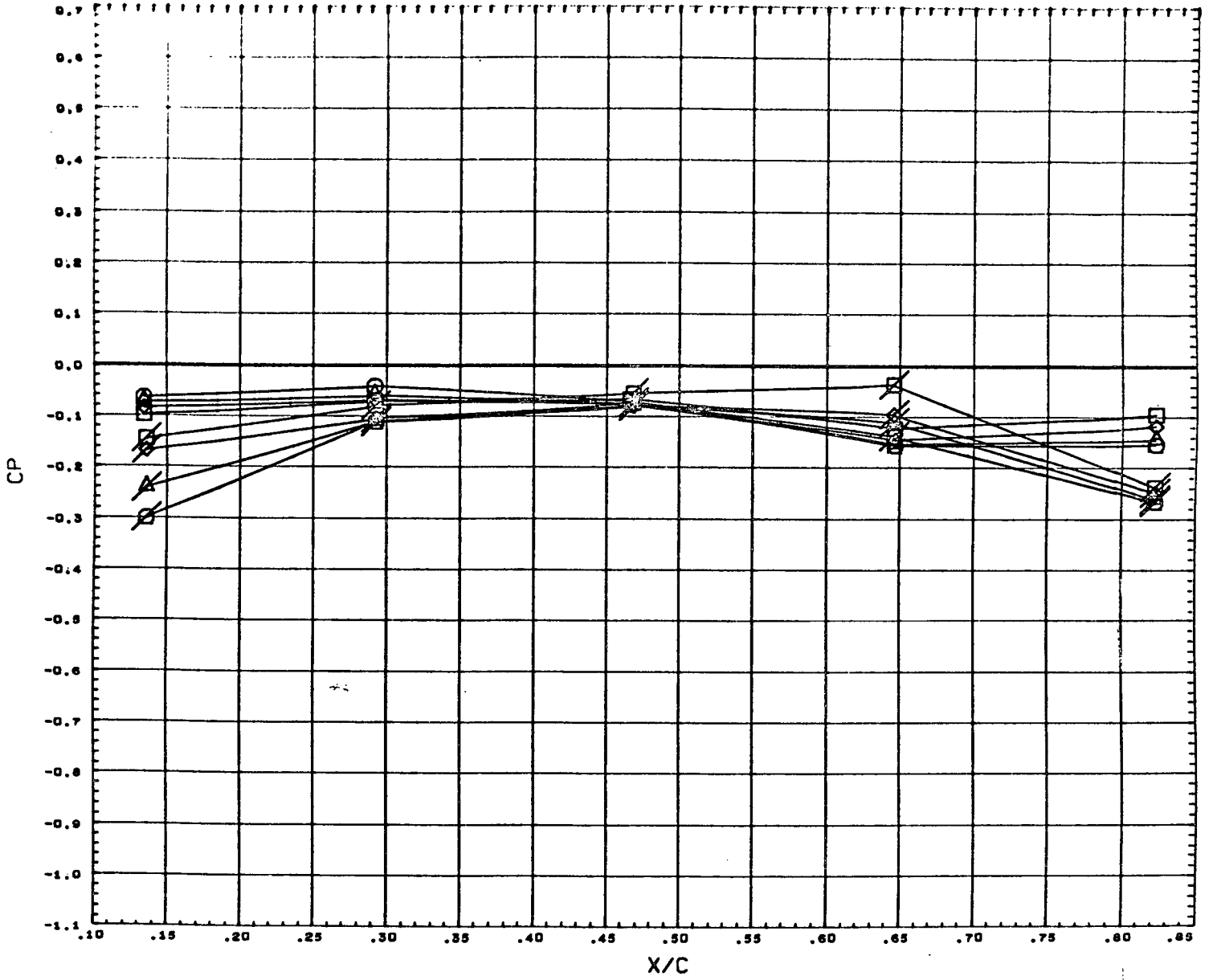
SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.194
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	6.000	0.290	1.460
△	4.000		
◇	2.000		
□	0.000		

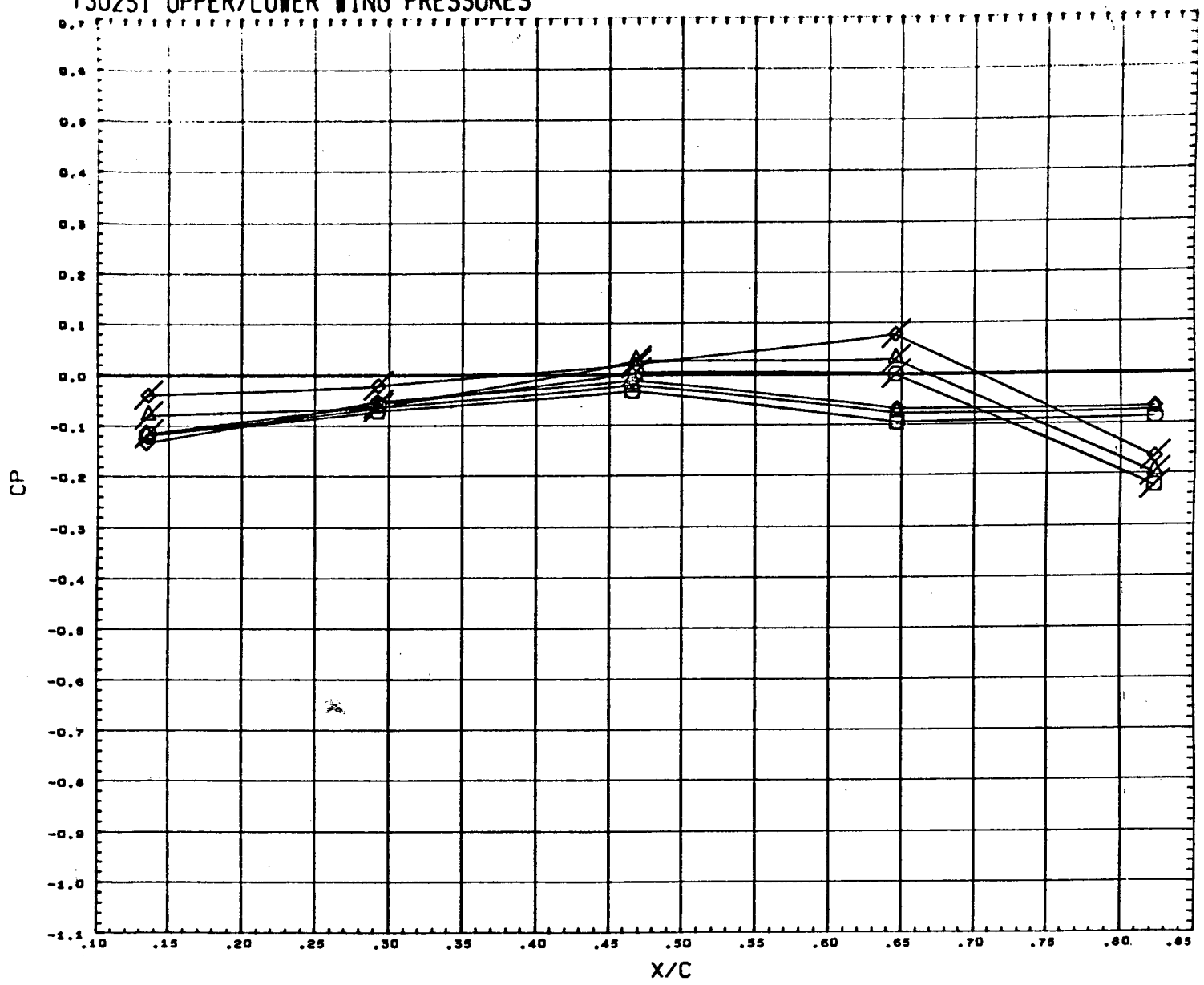
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.460
△	4.000		
◇	6.000		

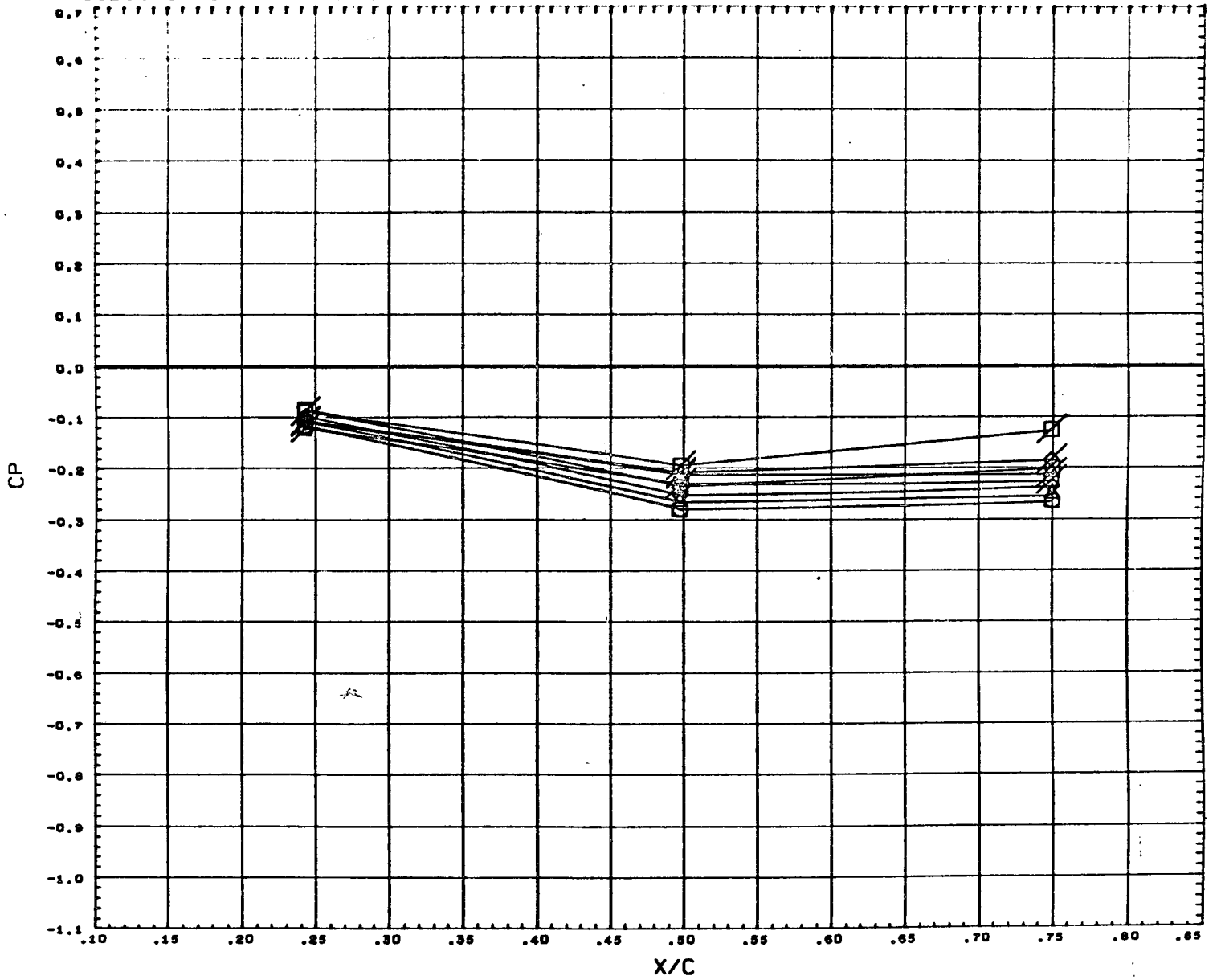
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.460
△	- 4.000		
◇	- 2.000		
□	0.000		

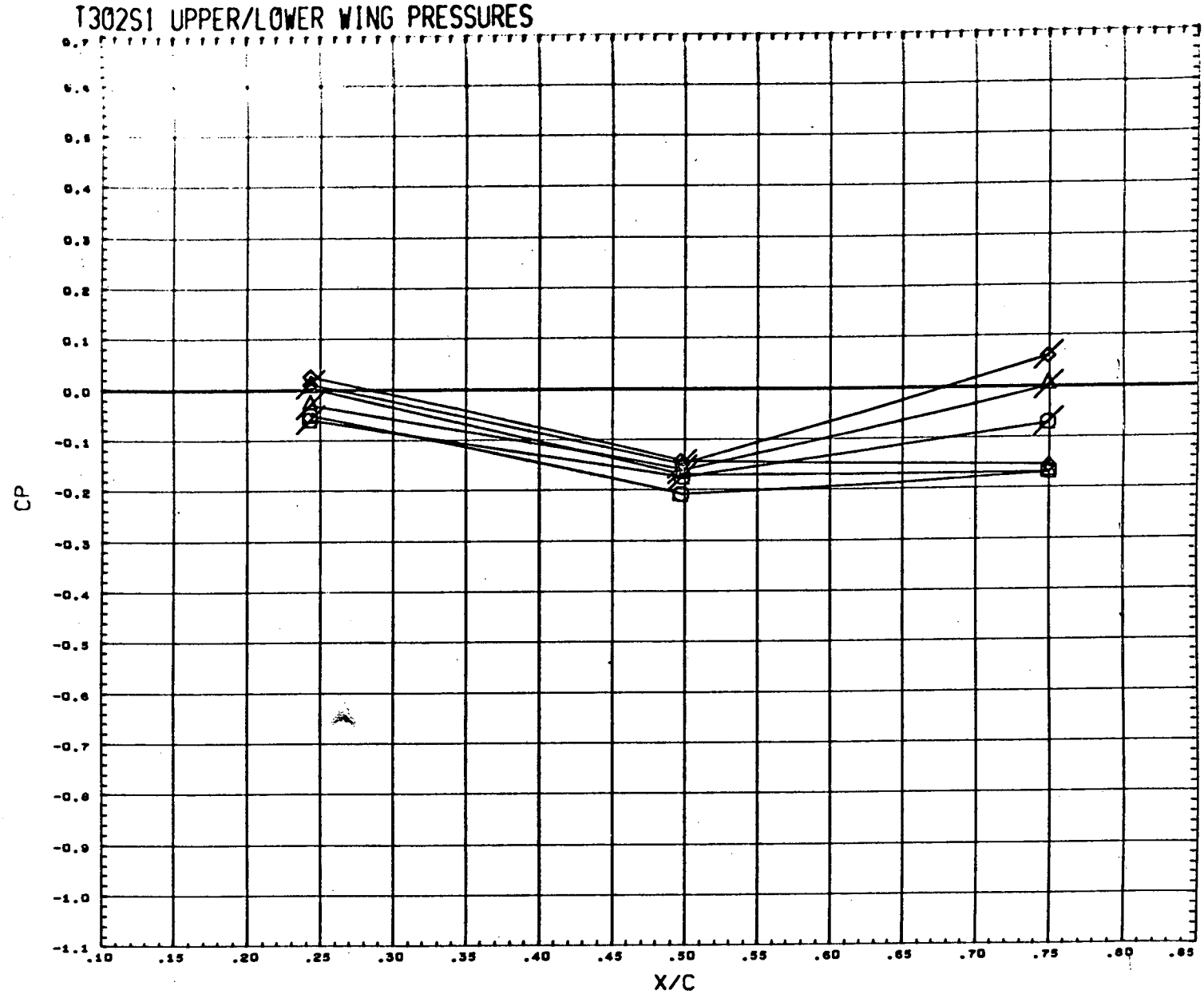
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.460
△	4.000		
◇	6.000		

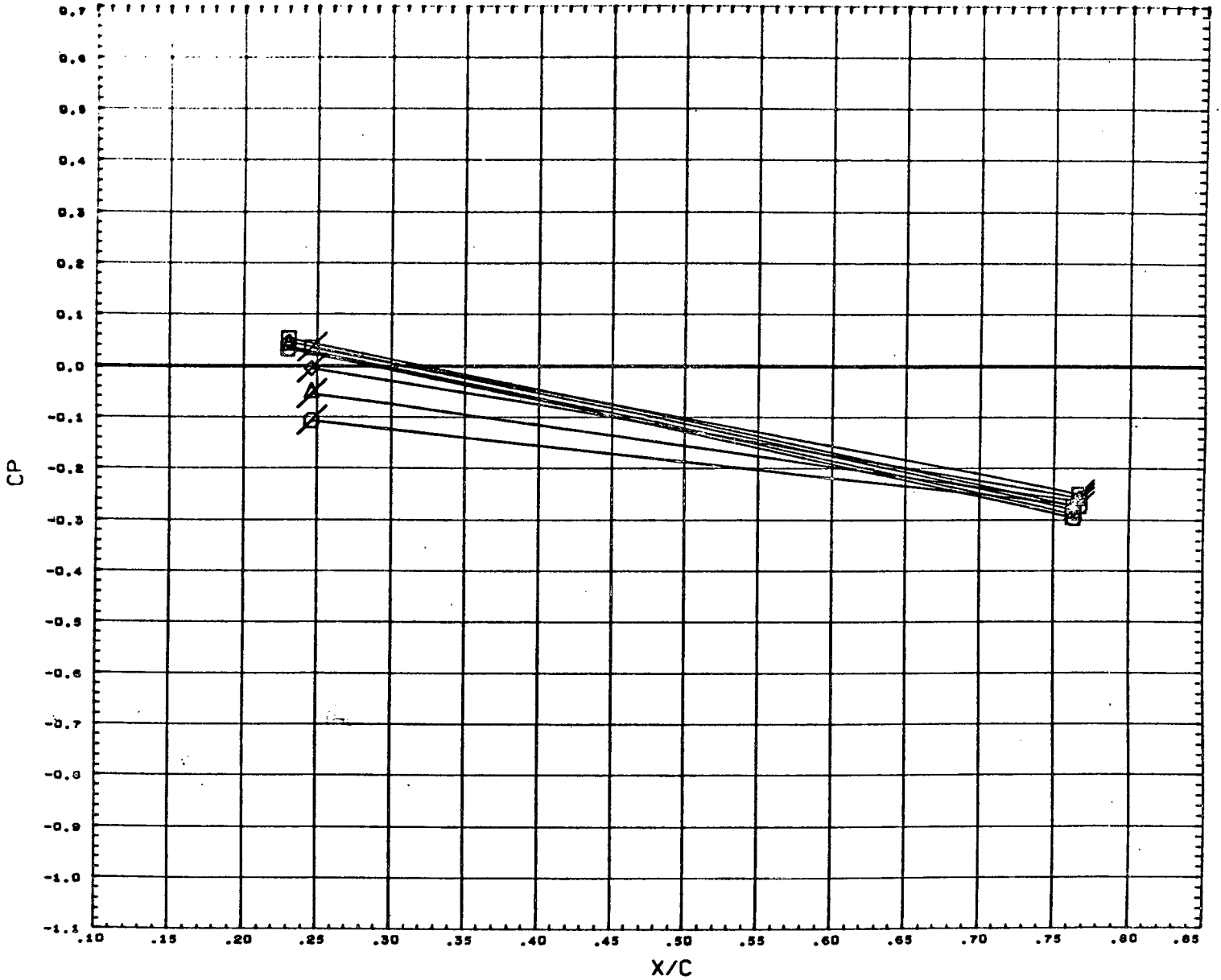
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



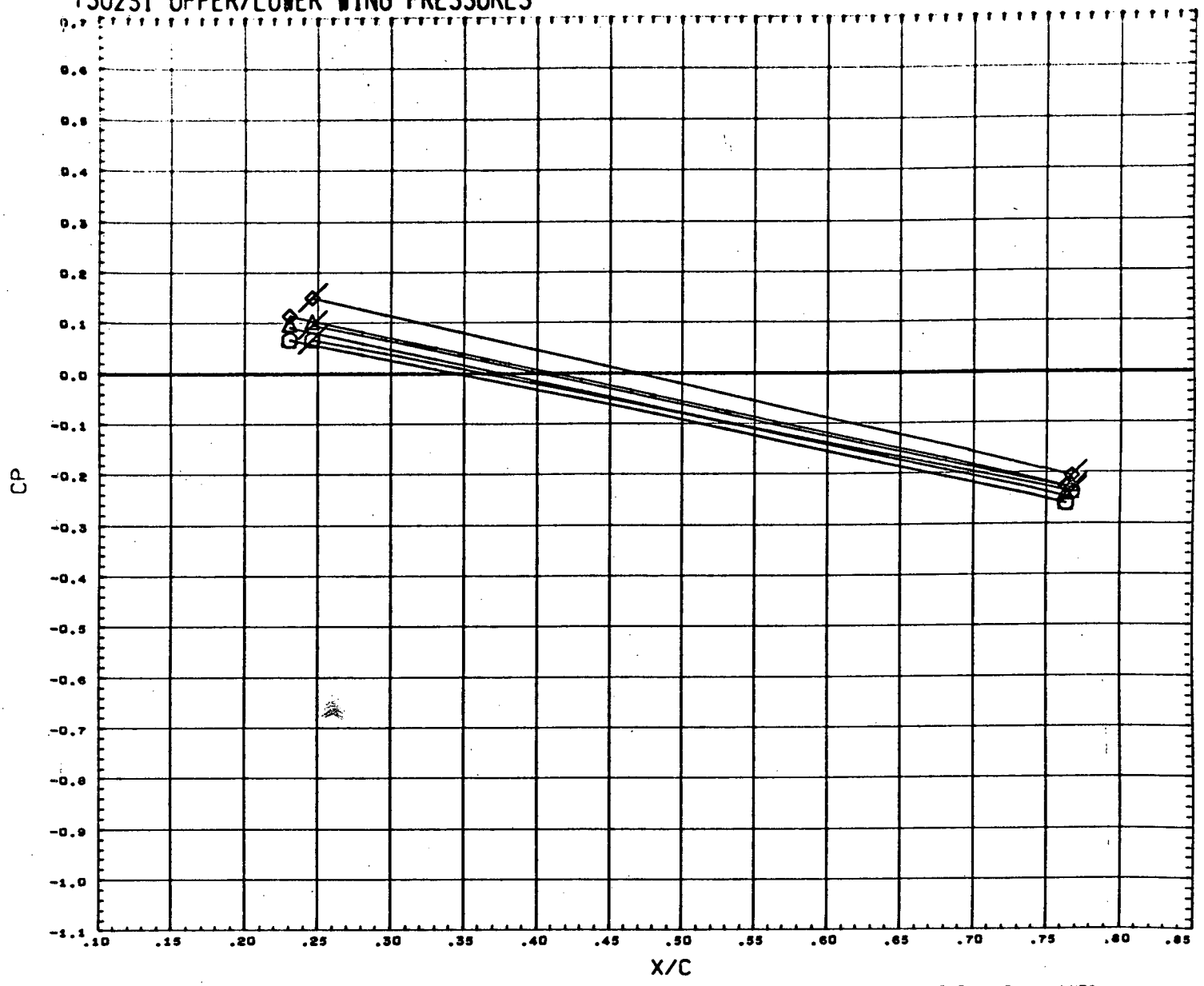
SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.460
△	- 4.000		
◇	- 2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



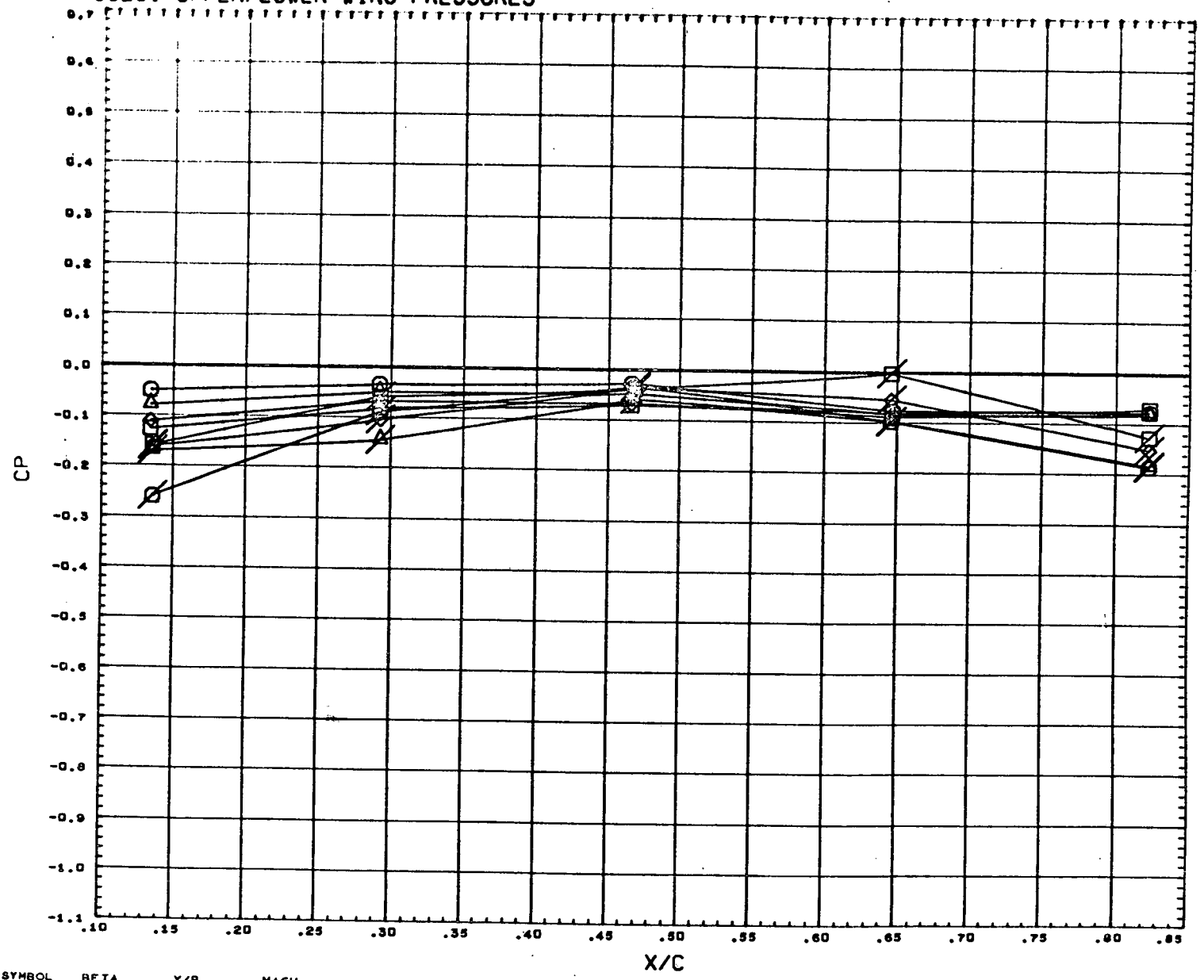
SYMBOL	BETA	Y/B	MACH
○	2.000	0.645	1.460
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.968
△	- 4.000		
◇	- 2.000		
□	0.000		

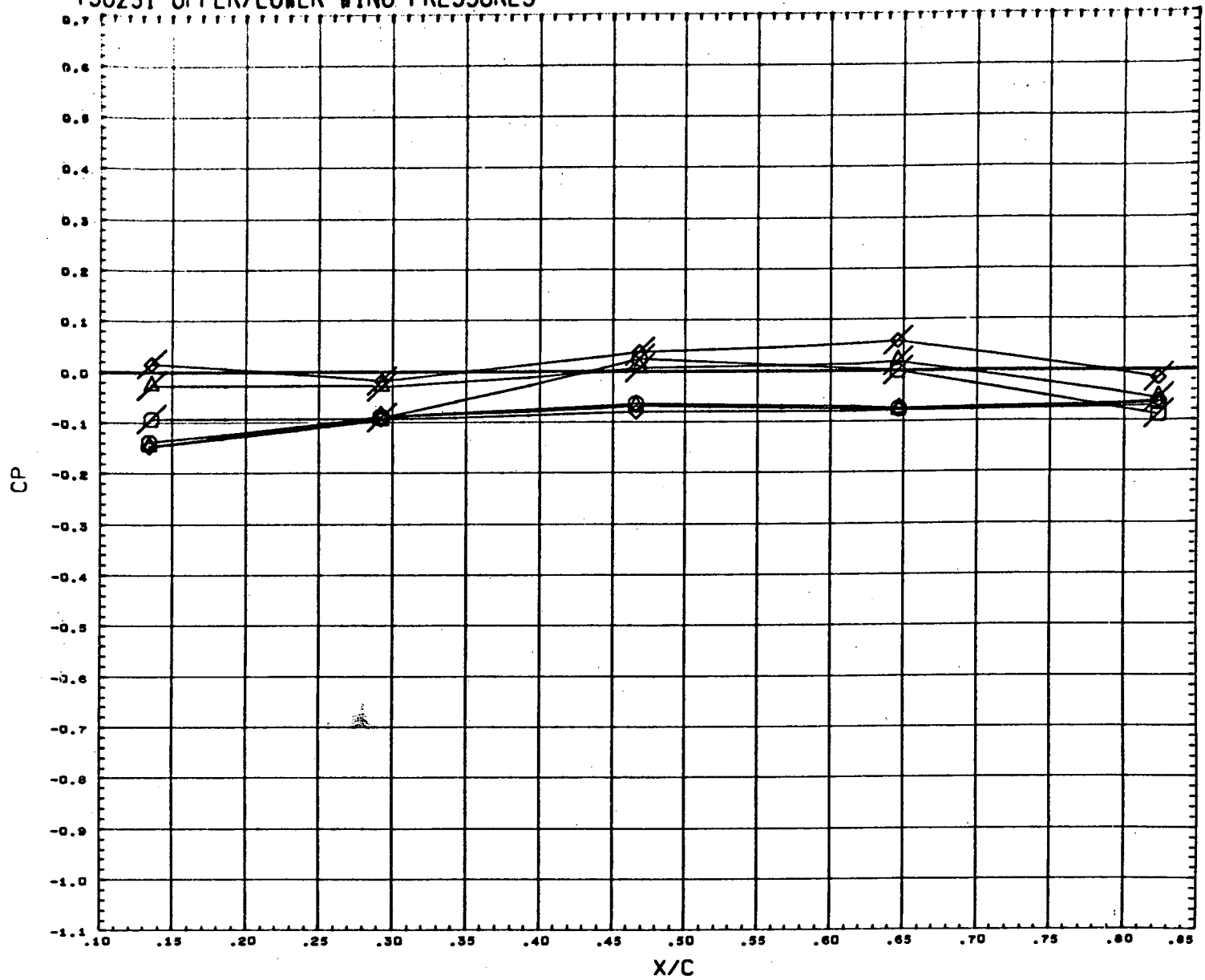
PARAMETRIC VALUES

ALPHA - 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873032)	OPEN	MSFC TWT 55D LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 55D LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



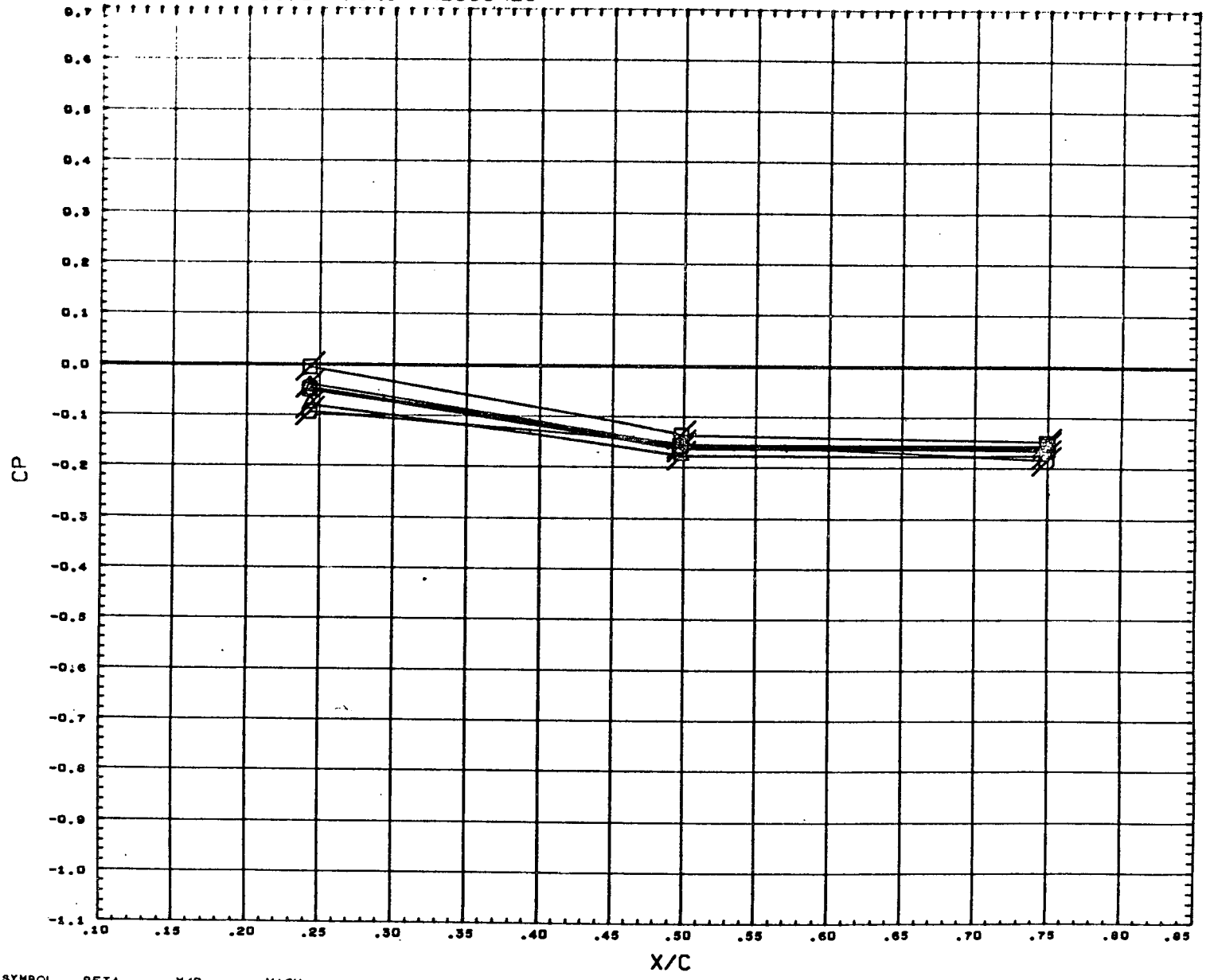
SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.968
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	- 1.500
PHIS	135.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.560	1.968
△	- 4.000		
◇	- 2.000		
□	0.000		

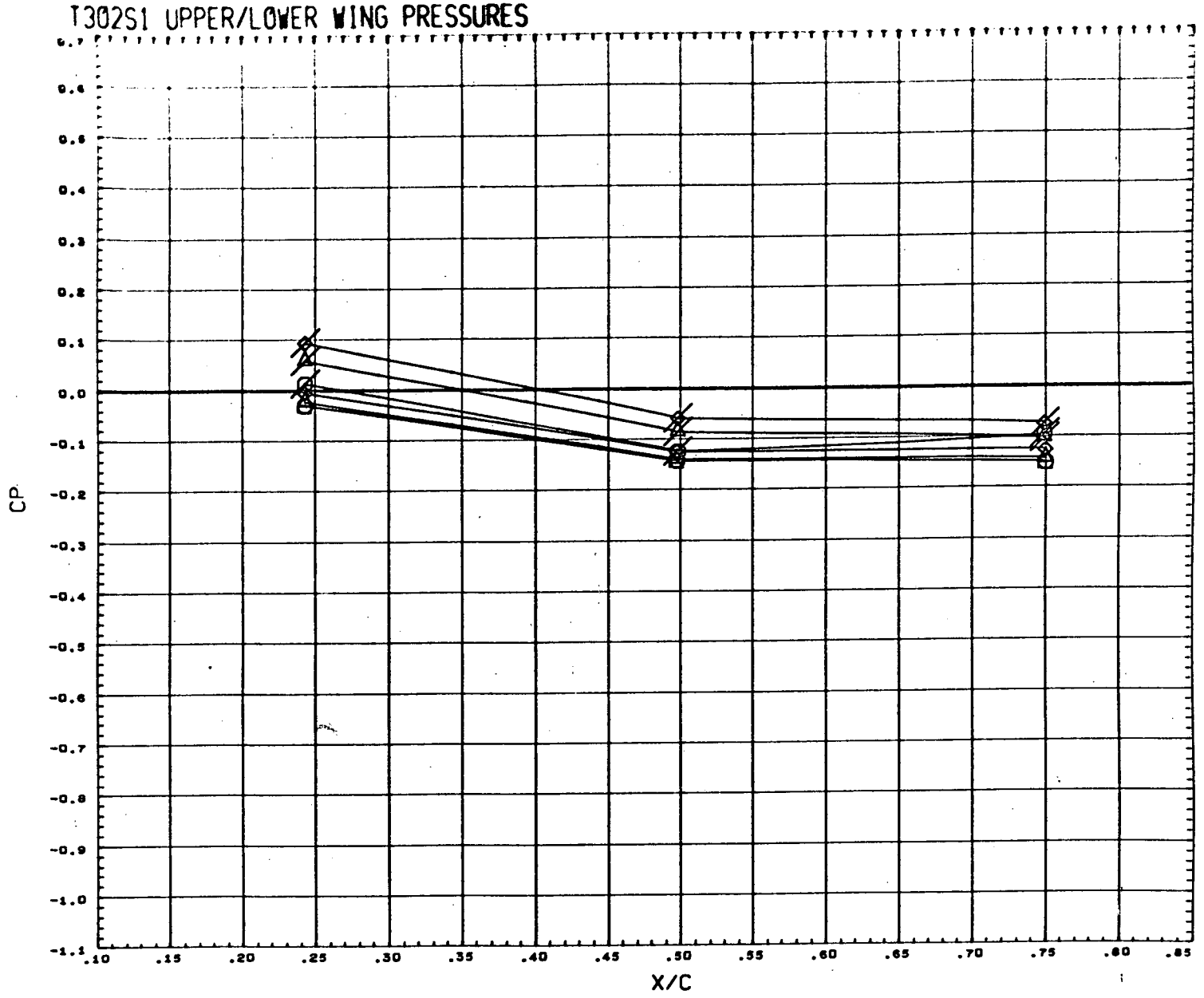
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.968
△	4.000		
◇	6.000		

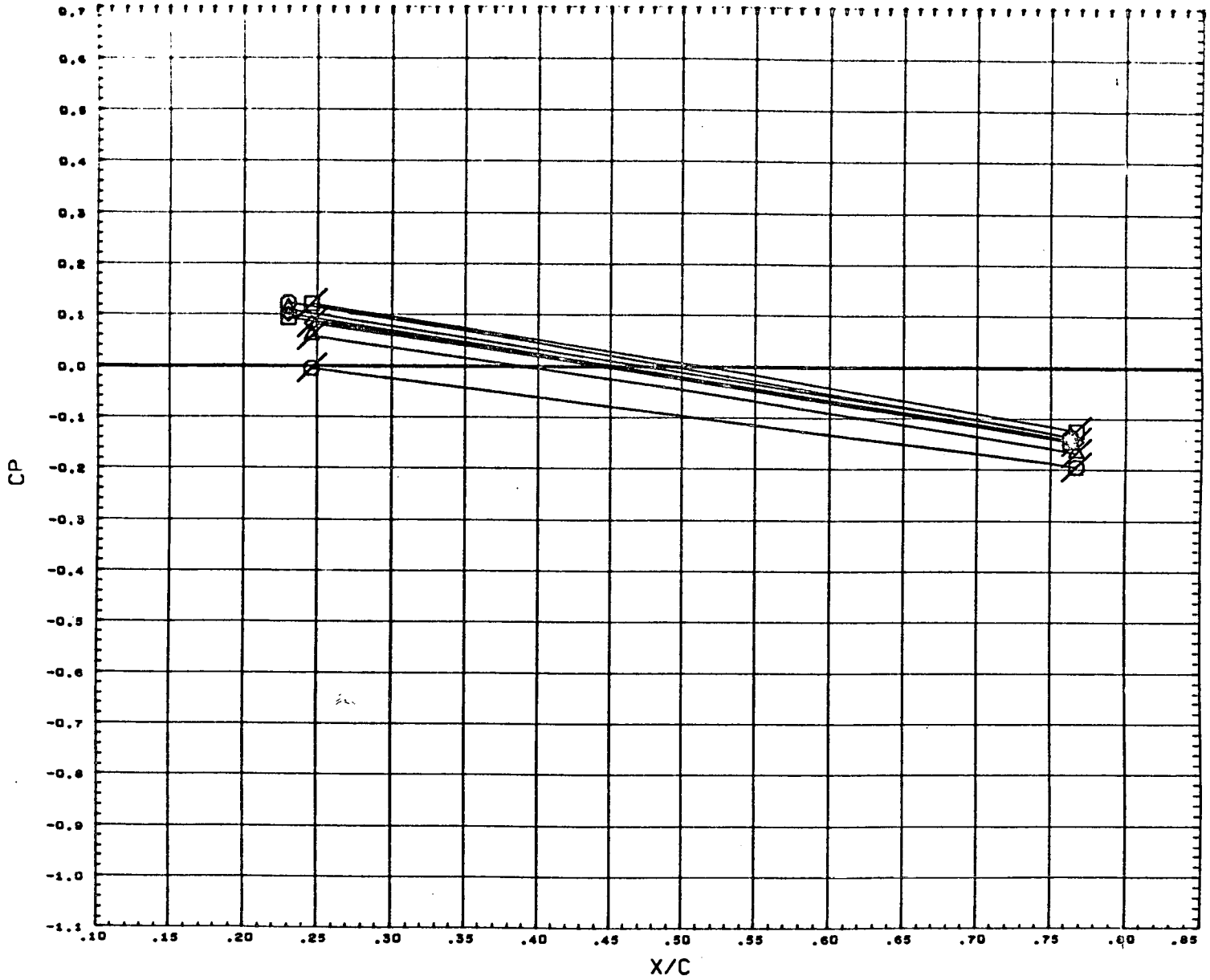
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.968
△	- 4.000		
◇	- 2.000		
□	0.000		

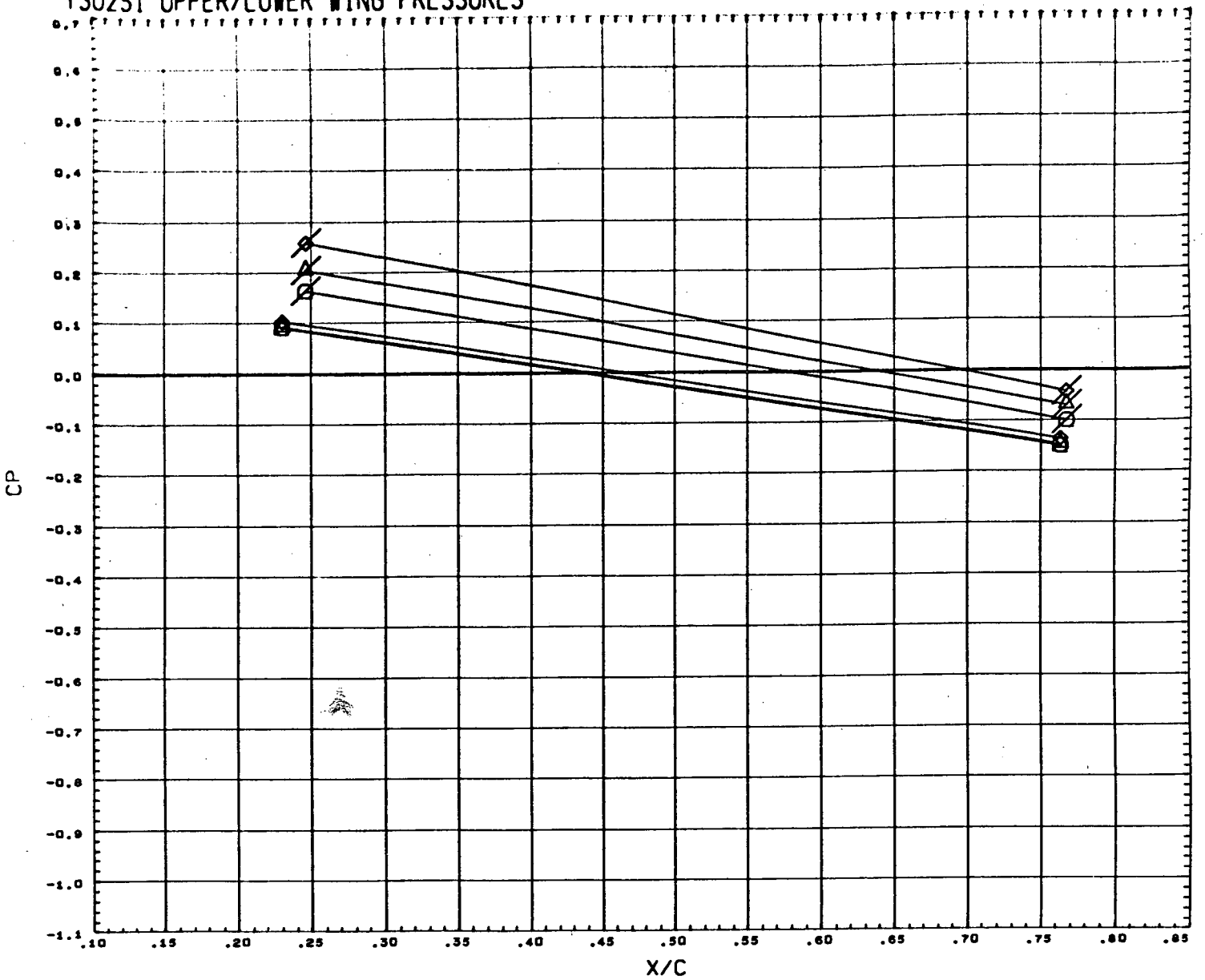
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T302S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.968
△	4.000		
◇	6.000		

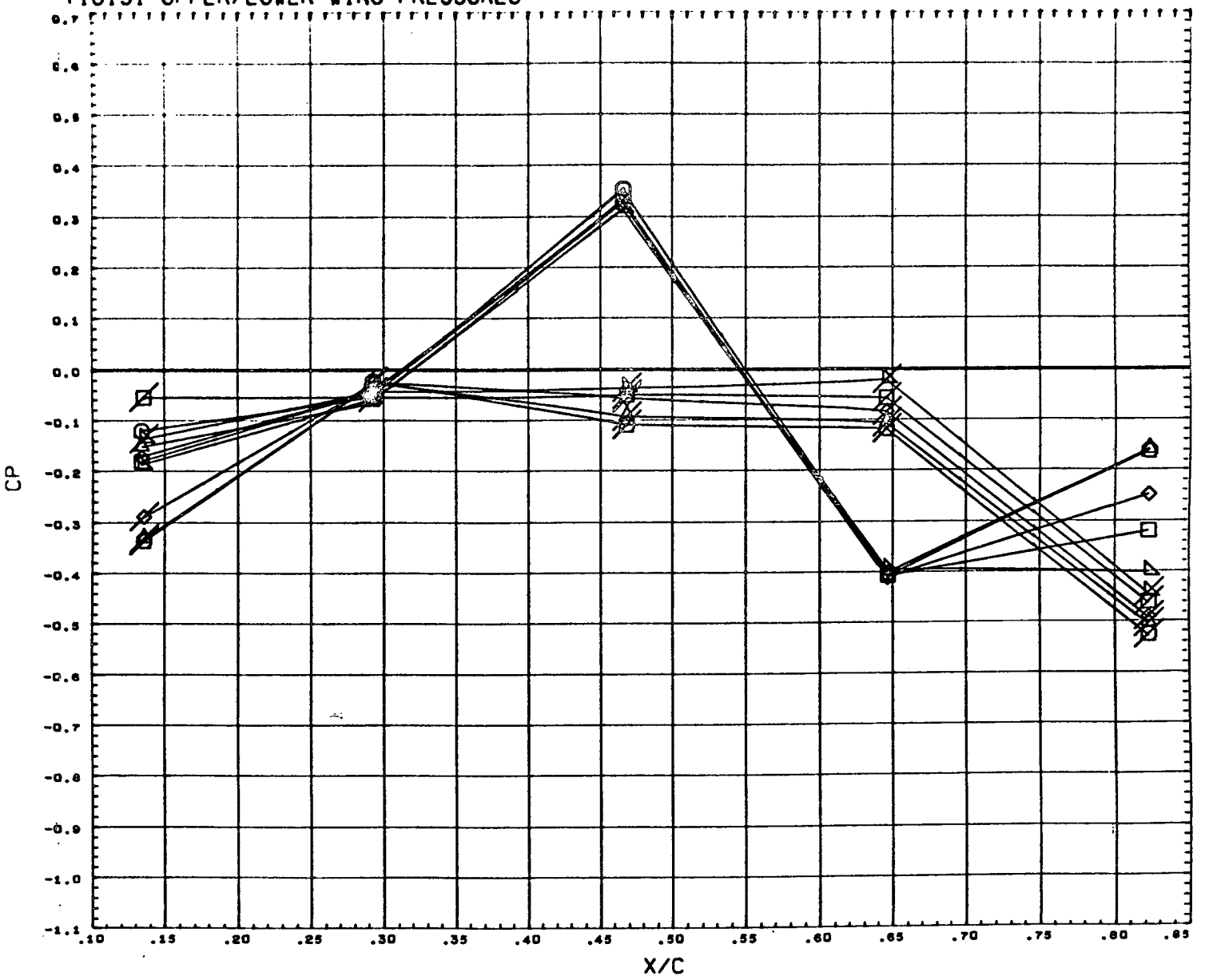
PARAMETRIC VALUES

ALPHA 0.000 ORBINC = 1.500

PHIS 135.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73032)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T302S1 UPPER WING
(C73032)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T302S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	- 8.000	0.290	1.199
△	- 6.000		
◇	- 4.000		
□	- 2.000		
↖	0.000		

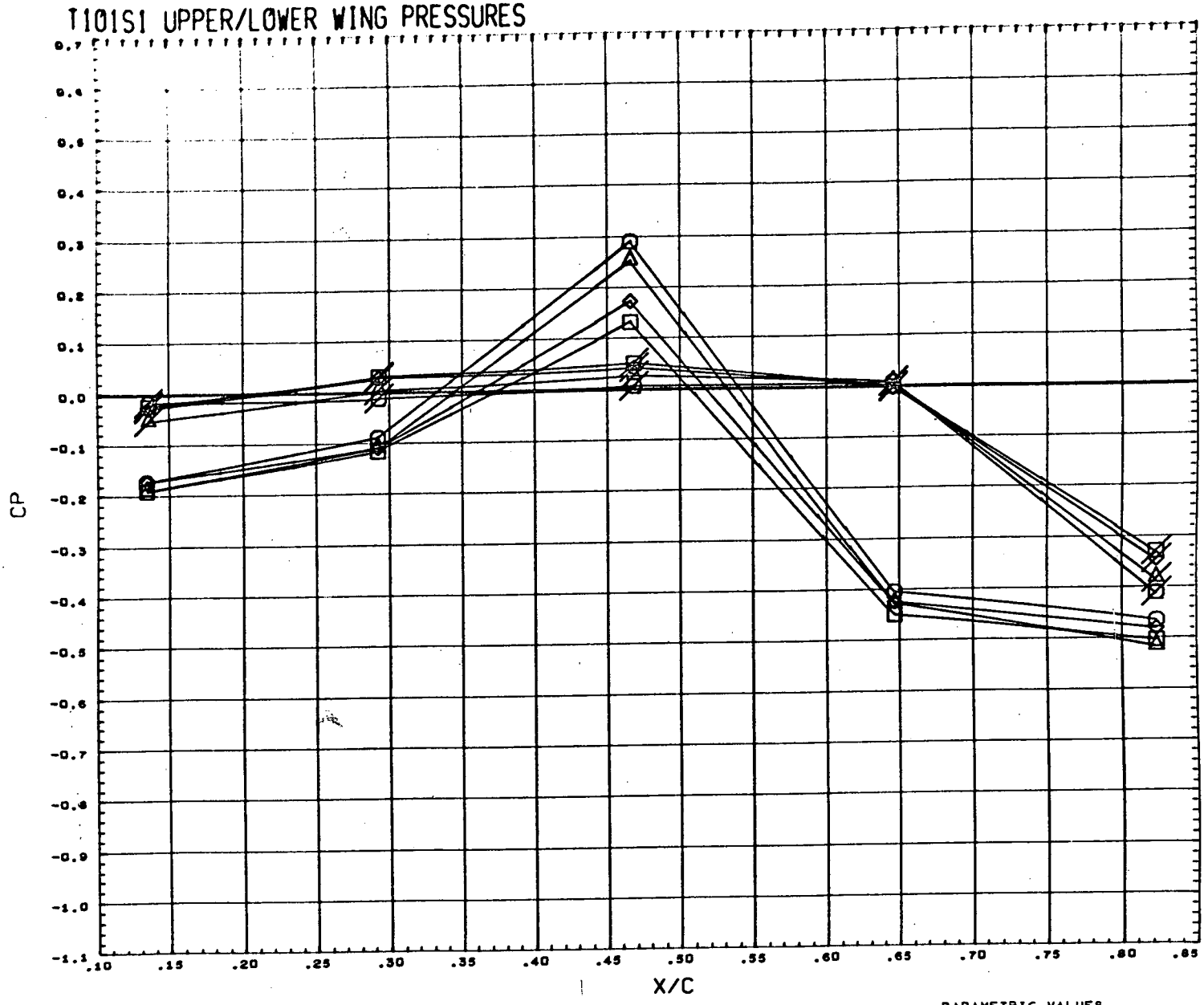
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(873033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.290	1.199
△	4.000		
◇	6.000		
□	8.000		

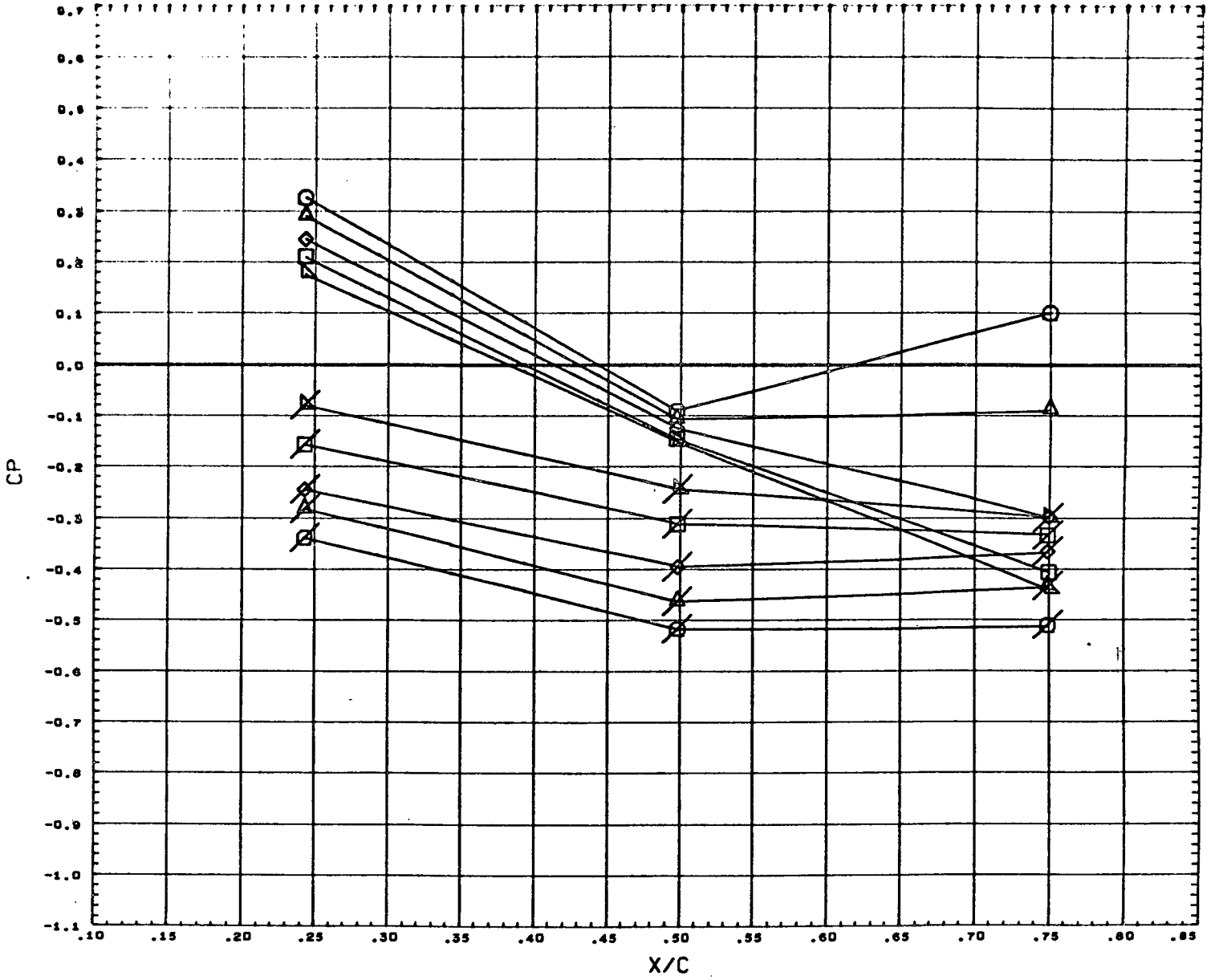
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.560	1.199
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

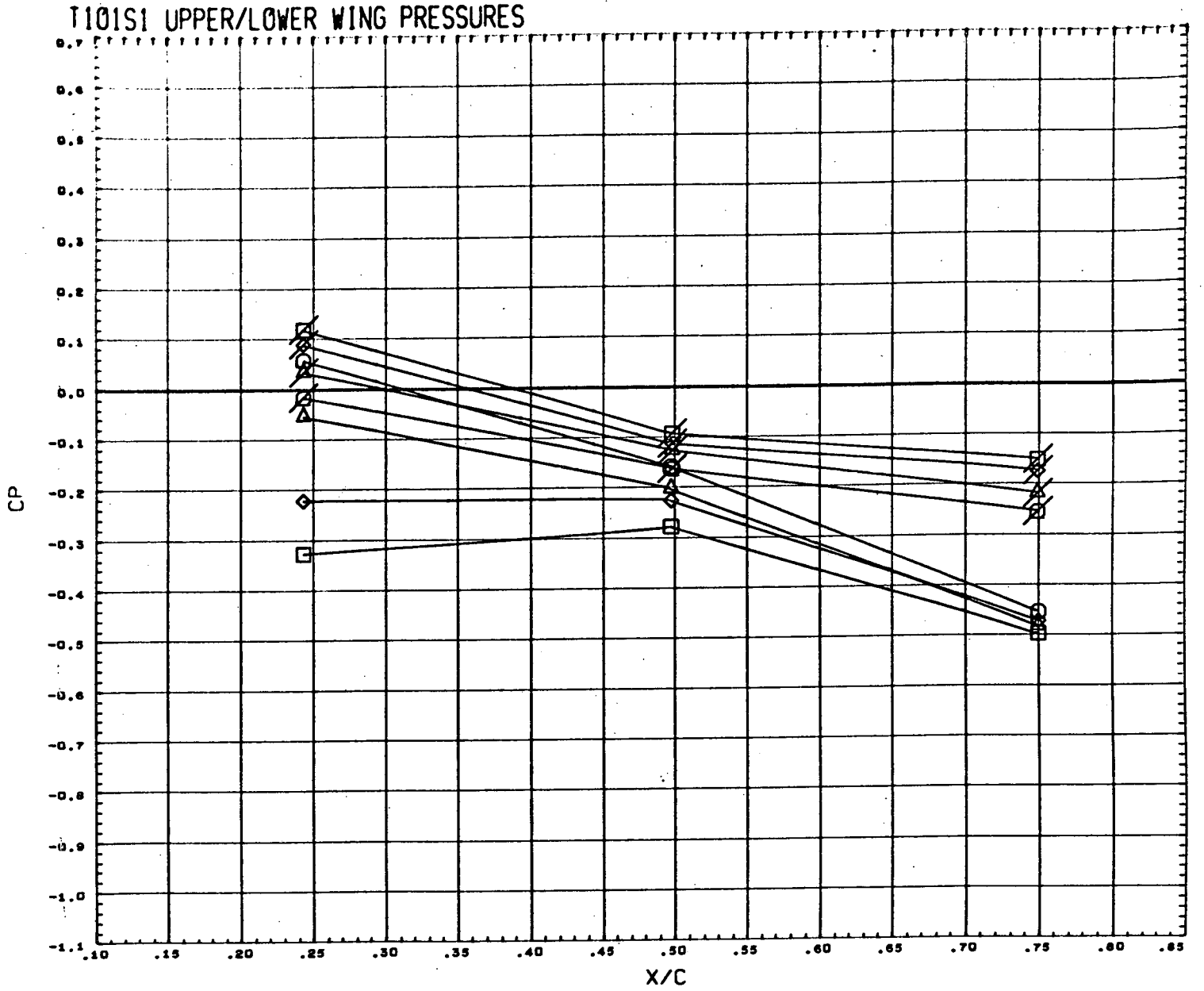
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.560	1.199
△	4.000		
◇	6.000		
□	8.000		

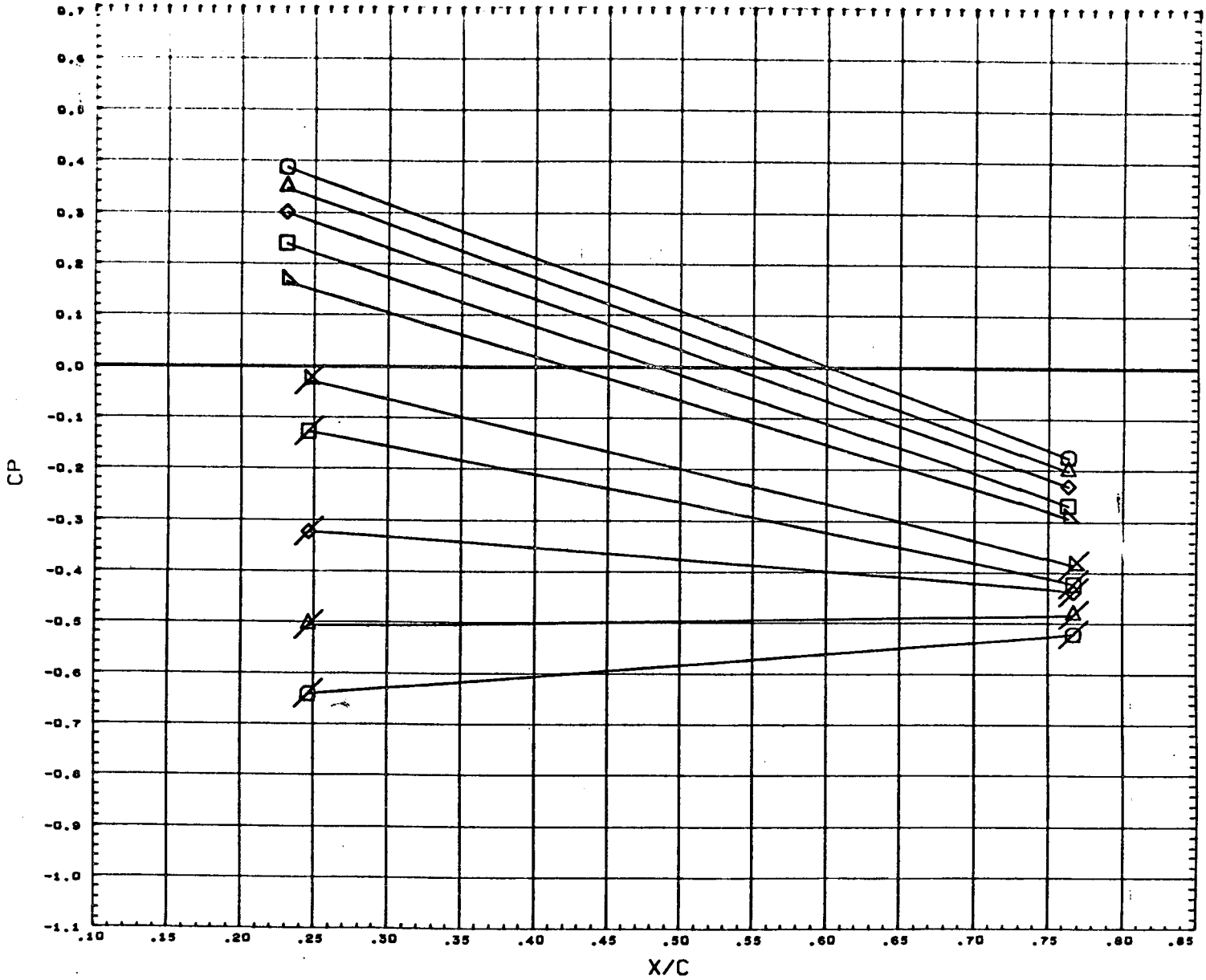
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	8.000	0.845	1.199
△	6.000		
◇	4.000		
□	2.000		
◸	0.000		

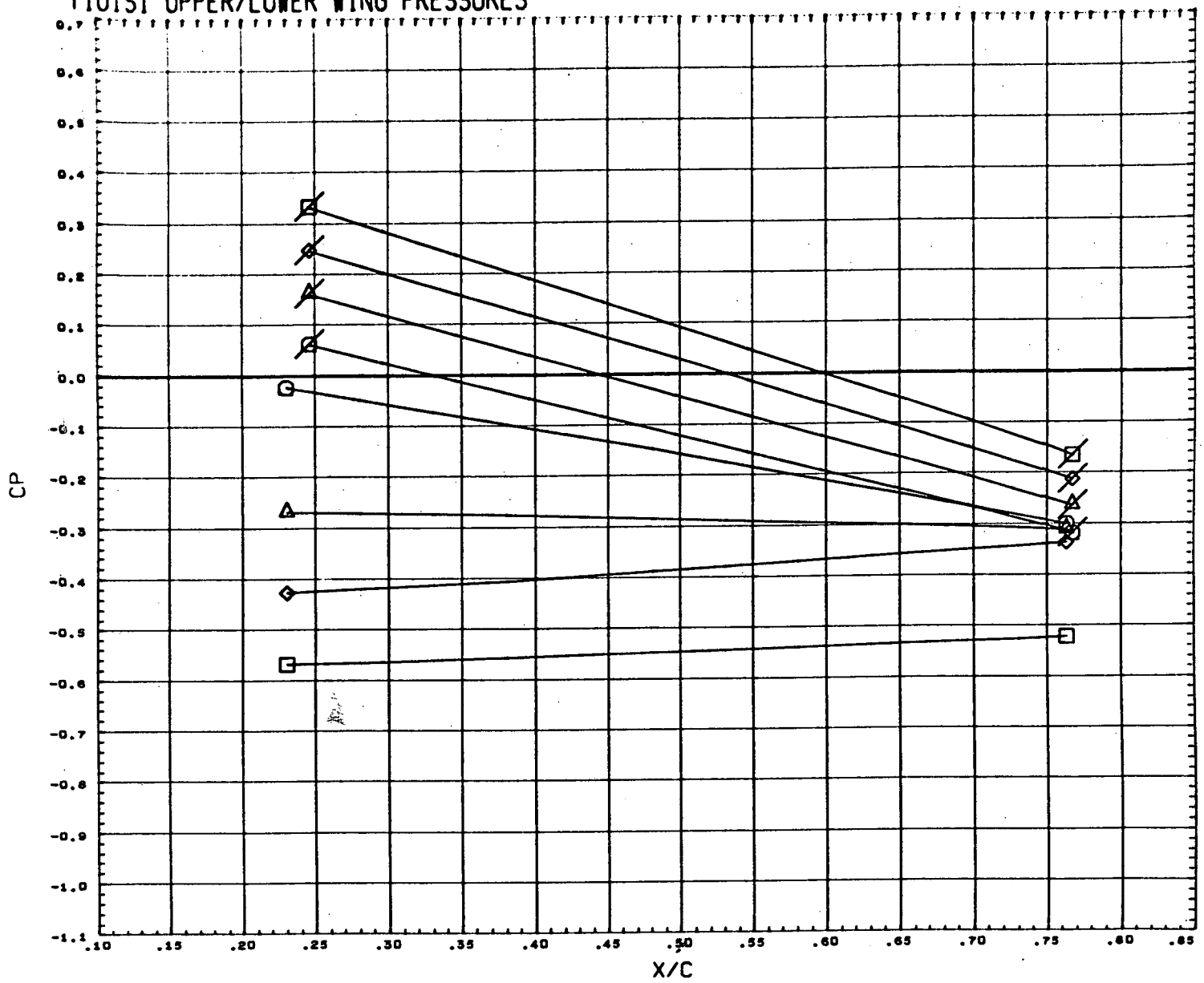
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	ALPHA	Y/B	MACH
○	2.000	0.845	1.199
△	4.000		
◇	6.000		
□	8.000		

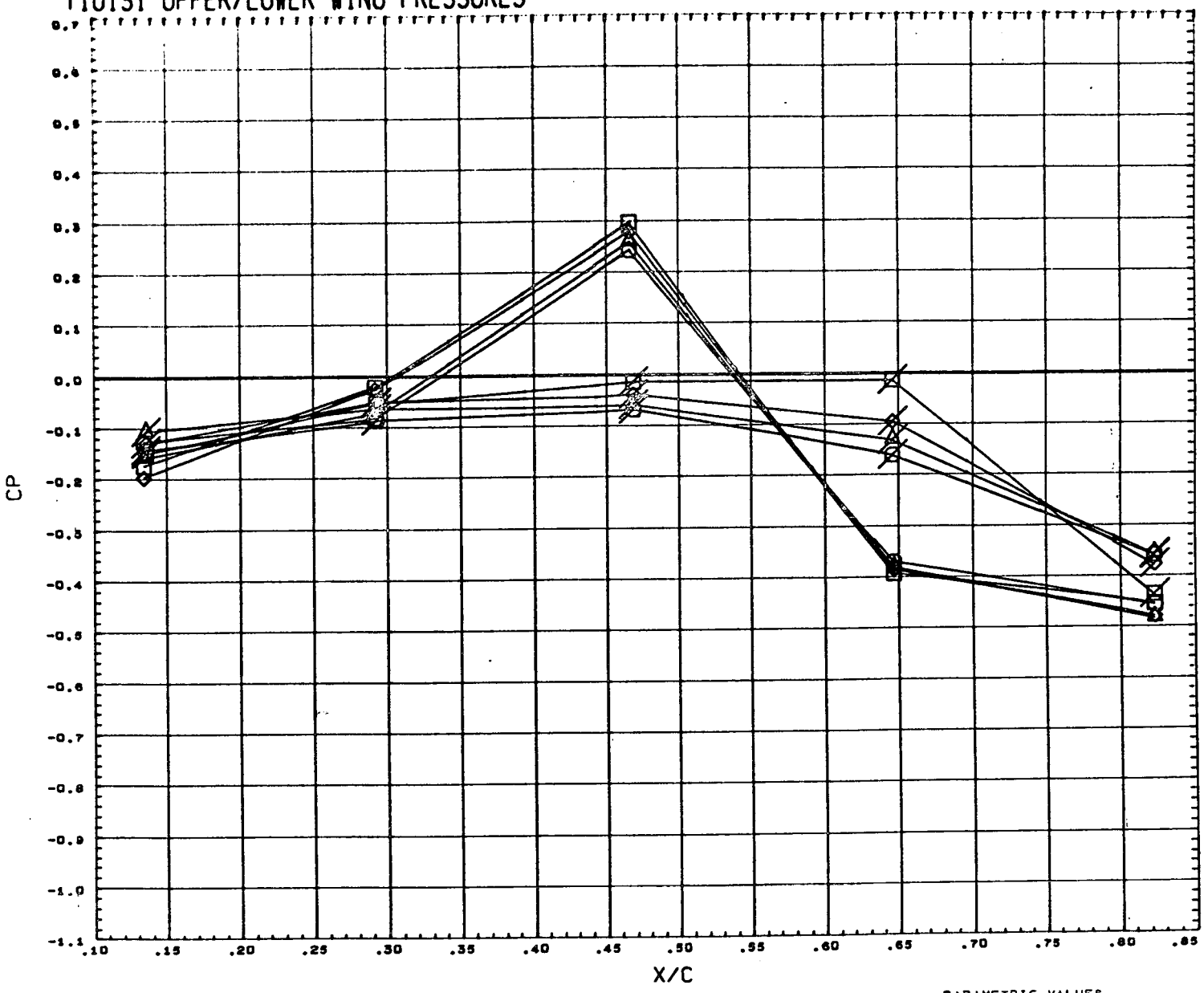
PARAMETRIC VALUES

BETA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73033)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73033)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.290	1.201
△	- 4.000		
◇	- 2.000		
□	0.000		

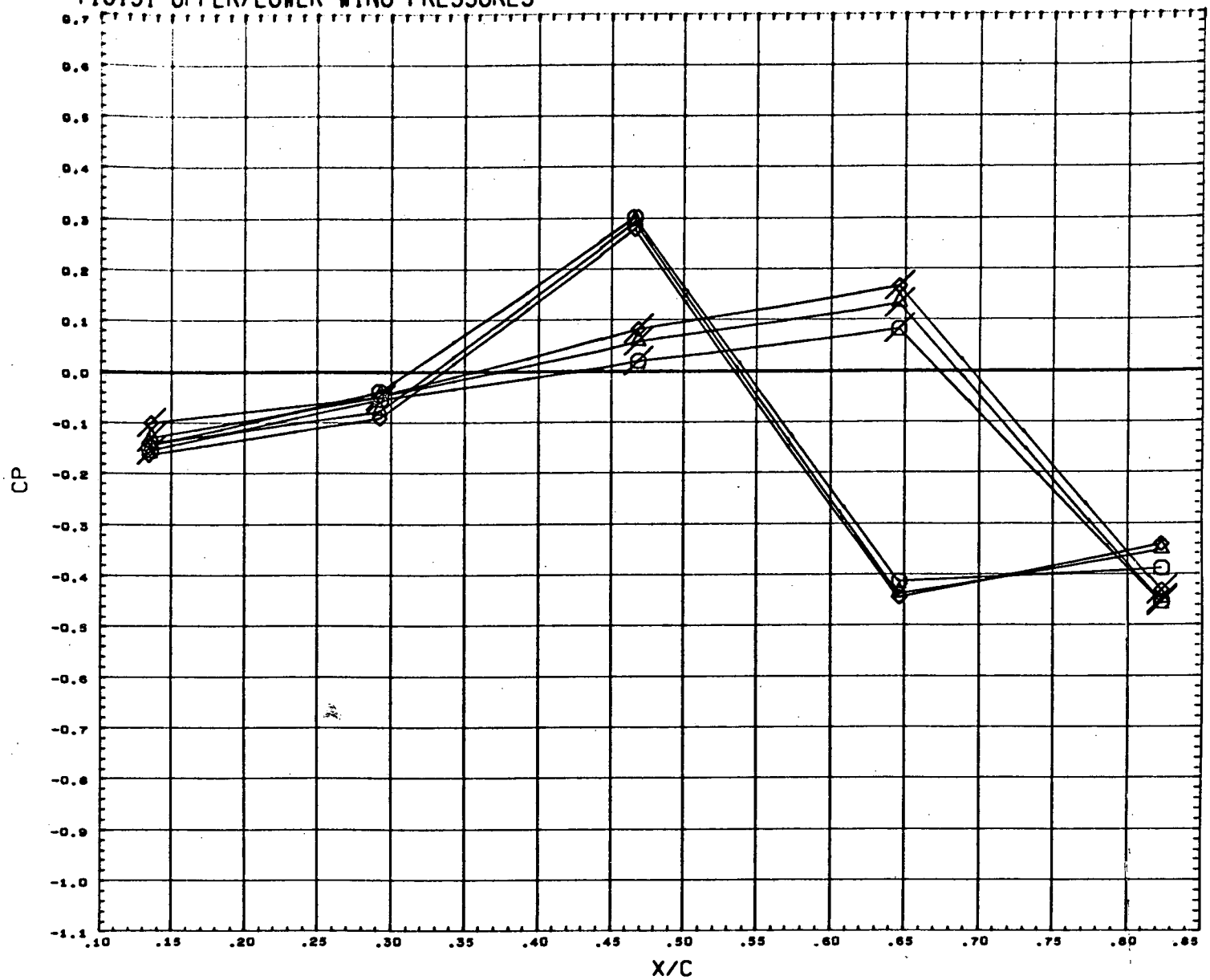
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.290	1.201
△	4.000		
◇	6.000		

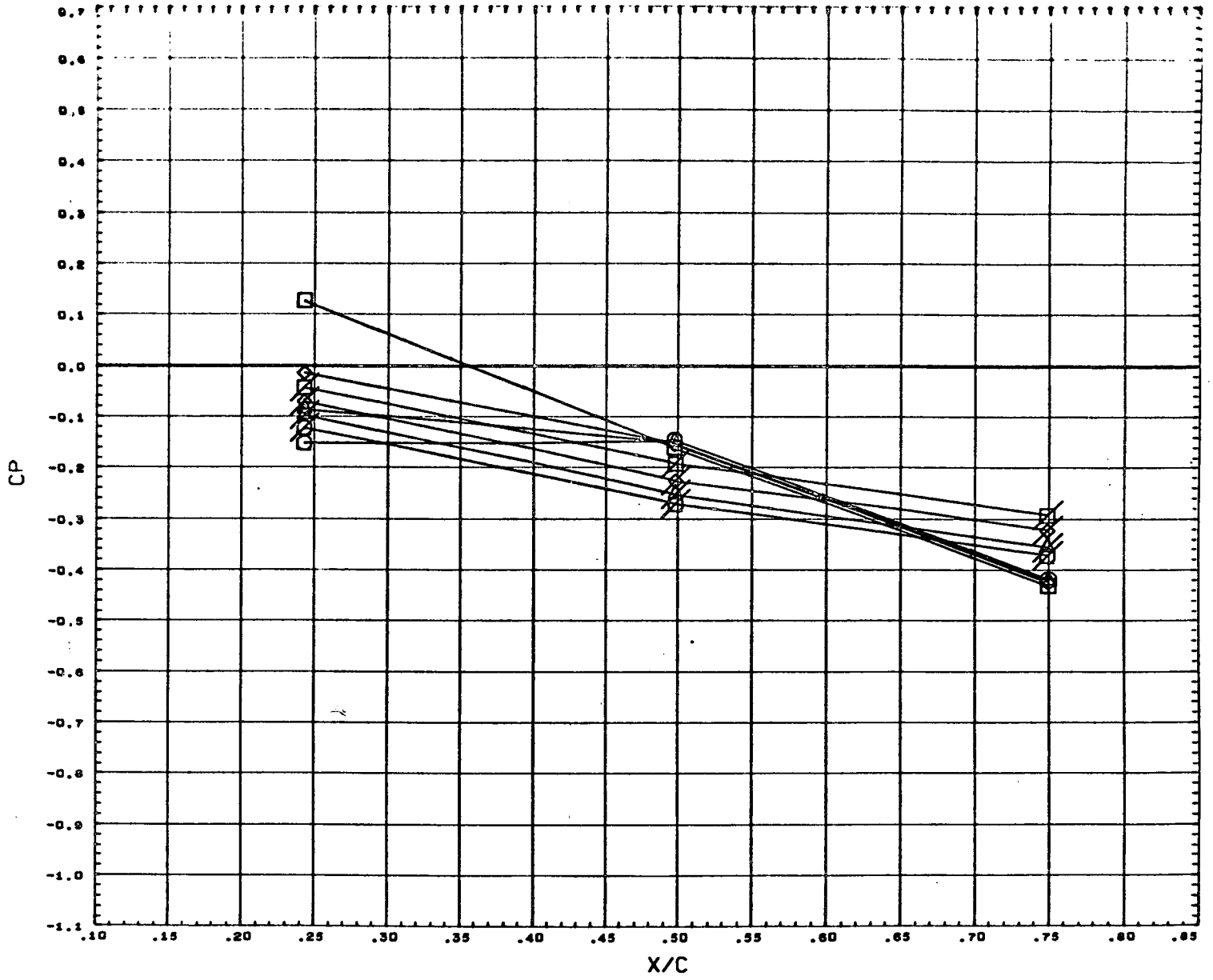
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(873034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



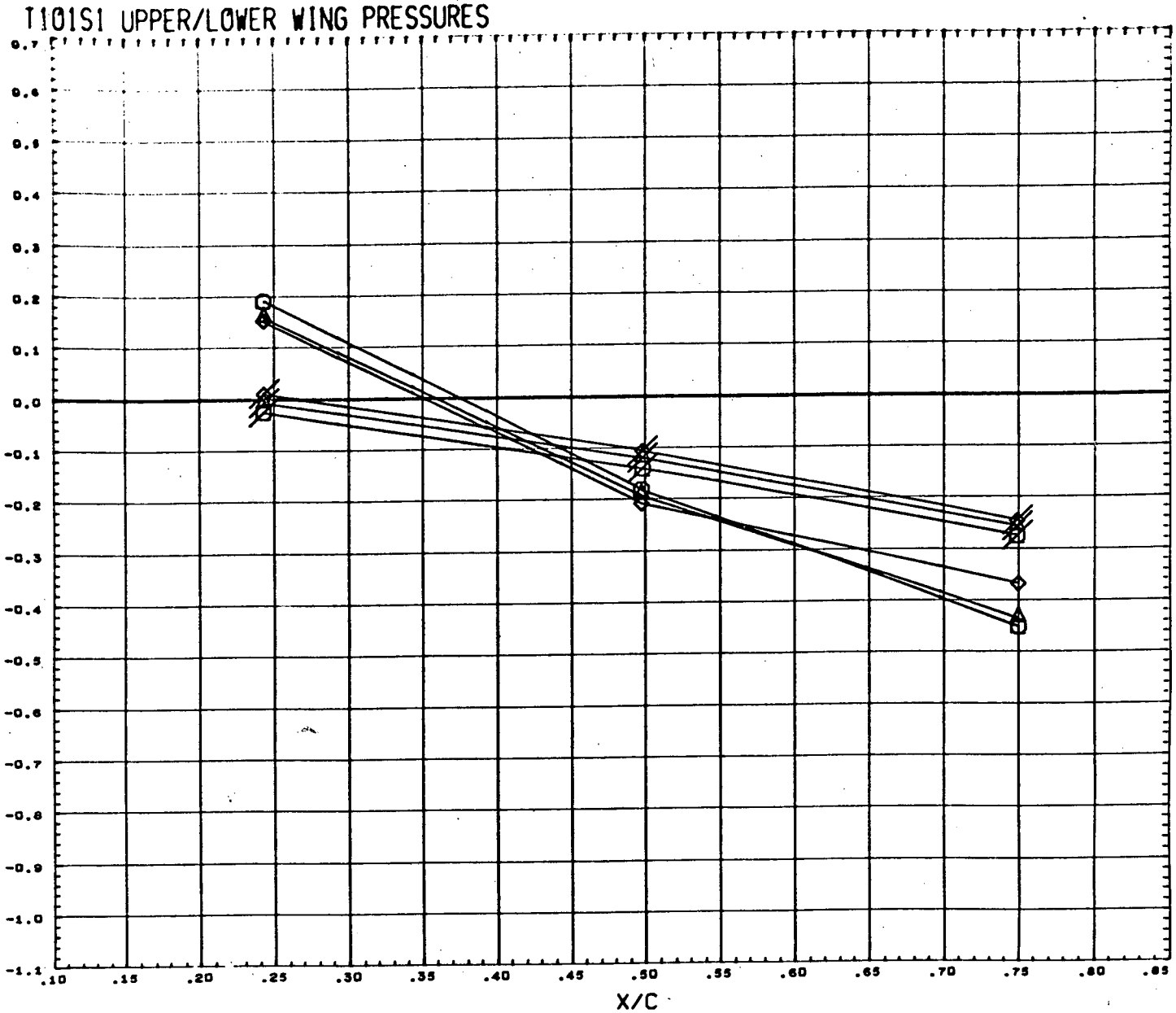
SYMBOL	BETA	Y/B	MACH
○	6.000	0.560	1.201
△	4.000		
◇	2.000		
□	0.000		

PARAMETRIC VALUES

ALPHA	0.000	ORBINC	1.500
PHIS	75.000		

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.560	1.201
△	4.000		
◇	6.000		

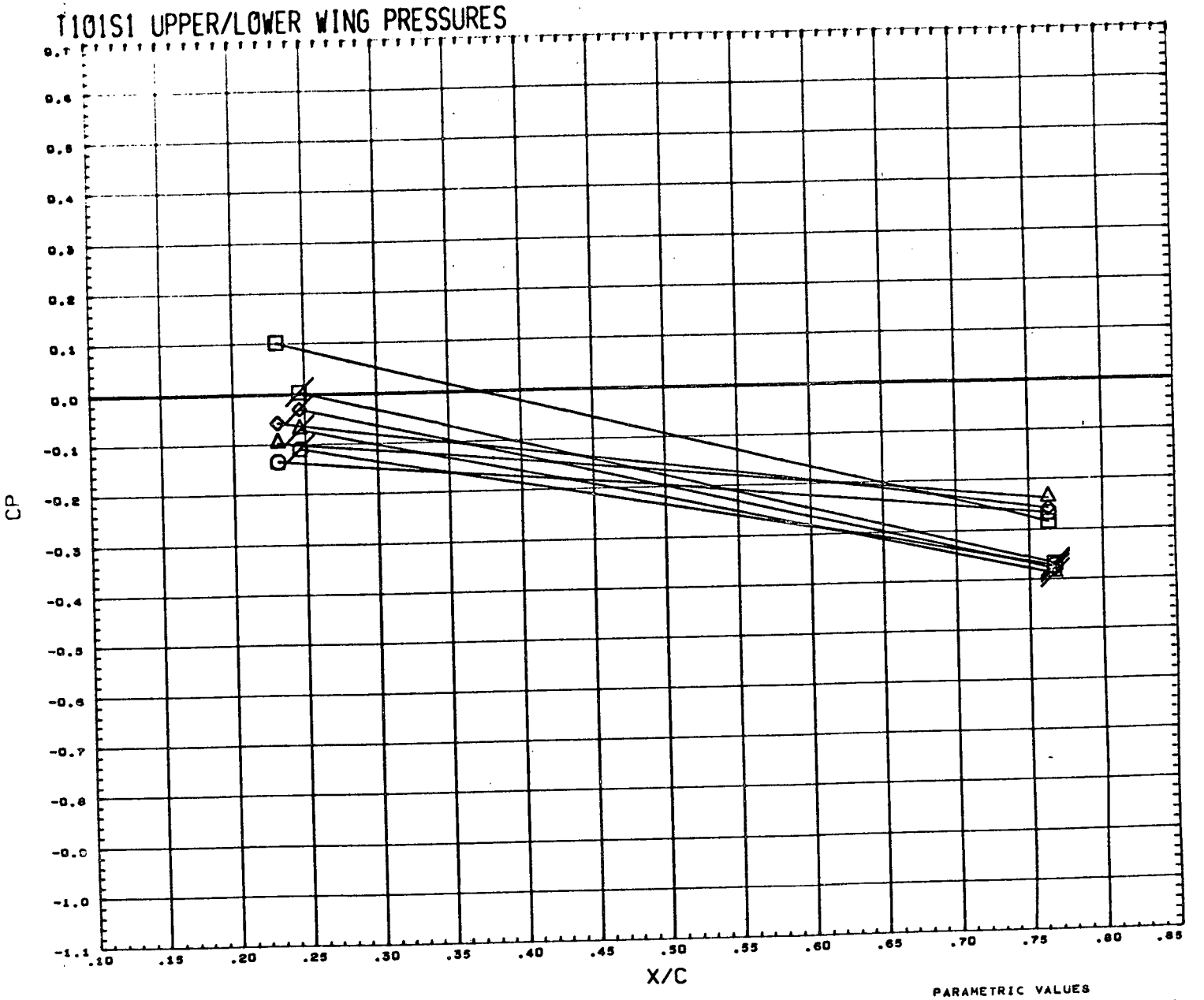
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	- 6.000	0.845	1.201
△	- 4.000		
◇	- 2.000		
□	0.000		

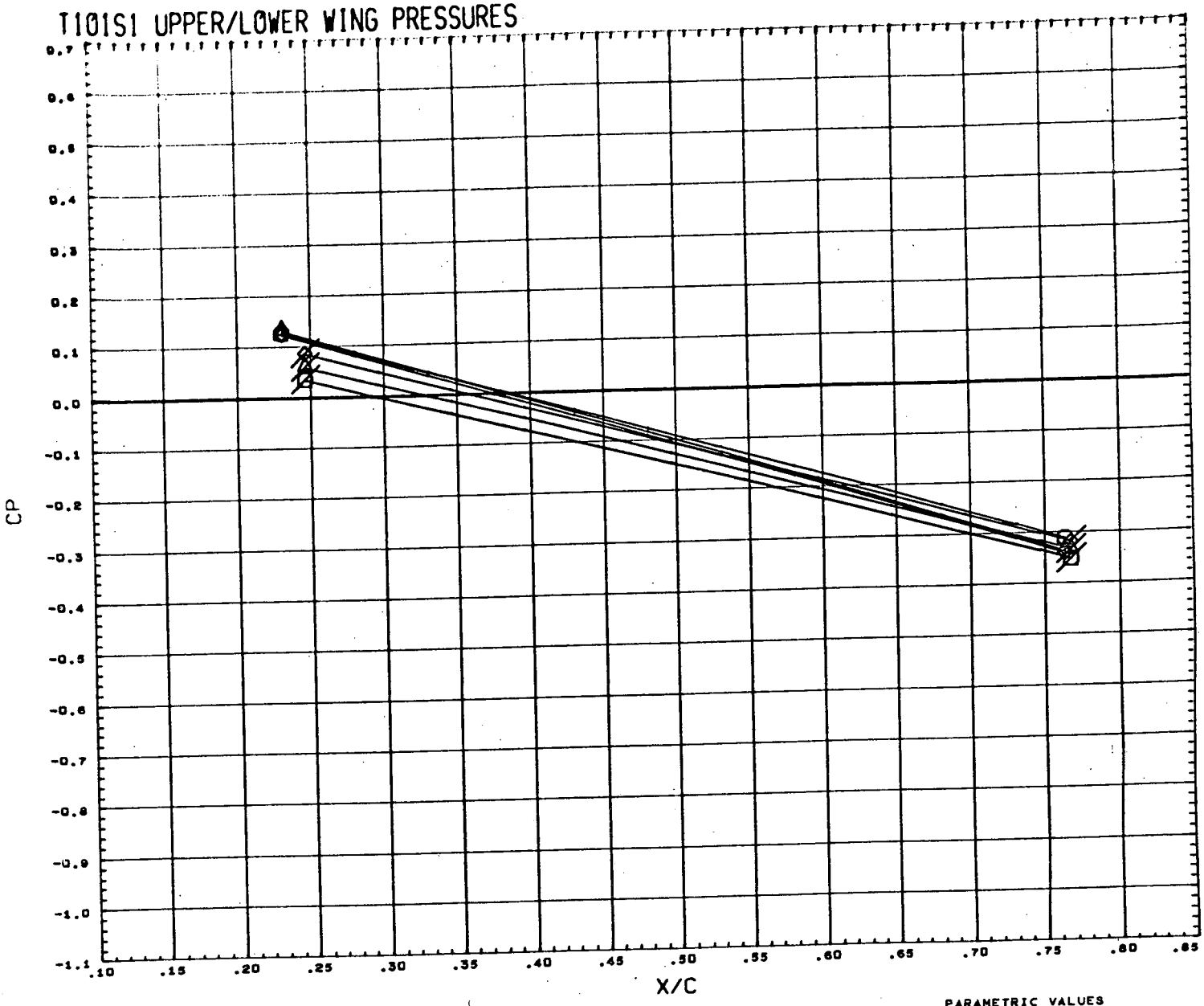
PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING

T101S1 UPPER/LOWER WING PRESSURES



SYMBOL	BETA	Y/B	MACH
○	2.000	0.845	1.201
△	4.000		
◇	6.000		

PARAMETRIC VALUES

ALPHA 0.000 ORBINC - 1.500

PHIS 75.000

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(B73034)	OPEN	MSFC TWT 550 LAUNCH PRESSURES T101S1 UPPER WING
(C73034)	FLAGGED	MSFC TWT 550 LAUNCH PRESSURES T101S1 LOWER WING